

1-1-1886

Catalogue of Trinity College, 1886-87 (Officers and Students)

Trinity College

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CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
TRINITY COLLEGE.

1886-87.

PRO ECCLESIA ET PATRIA.

HARTFORD, CONN.:
PRINTED FOR THE COLLEGE.
1886.

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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

TRINITY COLLEGE

1880-81

FOR THE YEAR

HARTFORD, CONN.

PRINTED FOR THE COLLEGE

1880

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Voluntary Note for the Year 1854
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TRINITY COLLEGE,

HARTFORD, CONNECTICUT.

THE charter of Washington College was granted in 1823 by the General Assembly of the State of Connecticut; and by vote of the Trustees, in consequence of the liberal gifts of citizens of Hartford, the College was located in that city. In 1824 the work of instruction was begun; and two buildings, Seabury Hall and Jarvis Hall, were erected on an ample site near the city. In 1845, on the petition of the Alumni and the Corporation, the name of the College was changed to TRINITY COLLEGE; and the Alumni, who had formed a voluntary association in 1831, were organized into a constituent part of the Academic body. In the same year Brownell Hall was erected.

The College campus having been sold in 1872 to the city of Hartford as a site for the State Capitol, a new site of about eighty acres was purchased, where ground was broken in 1875 for the new buildings, which were occupied in 1878. Five years later the west side of the great quadrangle, more than six hundred feet in length, was completed by the erection of the central building, which, after the name of its donor, is called Northam Towers. The St. John observatory was built on the south campus in 1883, and the President's house on the north campus in 1885; the new gymnasium will be completed in the spring of 1887. In 1883 the charter was so amended as to provide for the election of three of the Trustees by the Alumni.

The requirements for admission and the course of instruction for degrees in the Arts have always been practically the same as in the other New England Colleges. The College has from the first made provision for the admission of students in special courses; and in 1884 three new courses of study were established, two of which lead to a degree in Science, and elective studies were introduced into all the courses. Copies of catalogues and examination-papers, and information concerning the courses of instruction, scholarships, etc., can be obtained from the President or from the Secretary of the Faculty.

The last edition of the Quinquennial Catalogue of the officers and graduates of the College was published in May, 1885. It is requested that memoranda of errors or omissions in this Catalogue, or of material for the next edition, be sent to the Professor of Latin.

COLLEGE CALENDAR.

1886.

Sept.	16.	<i>Thursday.</i>	Christmas Term begins.
Nov.	1.	<i>Monday.</i>	All Saints' Day. Holiday.
"	25.	<i>Thursday.</i>	Thanksgiving-Day.
Dec.	17.	<i>Friday.</i>	Christmas Examinations.
"	18.	<i>Saturday.</i>	" "
"	20.	<i>Monday.</i>	" "
"	21.	<i>Tuesday.</i>	" "
"	22.	<i>Wednesday.</i>	" "
"	23.	<i>Thursday.</i>	" " Appointment of Toucey Scholar. Christmas Vacation begins.

1887.

Jan.	13.	<i>Thursday.</i>	Trinity Term begins.
Feb.	22.	<i>Tuesday.</i>	Holiday. Prize Version Appointments published. Oratorical Prize Contest.
"	23.	<i>Wednesday.</i>	Ash-Wednesday.
March	1.	<i>Tuesday.</i>	Junior Standing published.
April	8.	<i>Friday.</i>	Good Friday.
"	13.	<i>Wednesday.</i>	English Prize Essays handed in.
"	15.	<i>Friday.</i>	Easter Recess begins.
"	25.	<i>Monday.</i>	Easter Recess ends.
"	26.	<i>Tuesday.</i>	English Literature Prize Examination.
"	27.	<i>Wednesday.</i>	Chemical Prize Essays handed in.
"	28.	<i>Thursday.</i>	Historical Prize Essays handed in.
"	29.	<i>Friday.</i>	Tuttle Prize Essays handed in.
"	30.	<i>Saturday.</i>	Latin Prize Examination.
May	7.	<i>Saturday.</i>	Geometry Prize Examination.
"	19.	<i>Thursday.</i>	Ascension-Day.
"	26.	<i>Thursday.</i>	Prize Version Declamations.
June	5.	<i>Sunday.</i>	Trinity-Sunday.
"	8.	<i>Wednesday.</i>	Senior Examinations.
"	9.	<i>Thursday.</i>	" "
"	10.	<i>Friday.</i>	" "
"	11.	<i>Saturday.</i>	" "
"	13.	<i>Monday.</i>	" "

June	14.	<i>Tuesday.</i>	Senior Examinations.	Trinity Examinations.
"	15.	<i>Wednesday.</i>	"	"
"	16.	<i>Thursday.</i>	Trinity Examinations.	
"	17.	<i>Friday.</i>	"	Senior Standing published.
"	18.	<i>Saturday.</i>	"	"
"	20.	<i>Monday.</i>	"	"
"	21.	<i>Tuesday.</i>	"	"
"	22.	<i>Wednesday.</i>	"	"
"	23.	<i>Thursday.</i>	"	"
"	24.	<i>Friday.</i>	Award of Prizes.	
"	26.	<i>Sunday.</i>	Baccalaureate Sermon.	
"	27.	<i>Monday.</i>	Examinations for Admission.	
"	28.	<i>Tuesday.</i>	"	" Class-Day.
"	29.	<i>Wednesday.</i>	"	"
"	29.	<i>Wednesday.</i>	Annual Meetings of the Corporation and of the Association of the Alumni.	
"	30.	<i>Thursday.</i>	SIXTY-FIRST COMMENCEMENT.	
			Trinity Vacation begins.	

Sept.	13.	<i>Tuesday.</i>	Examinations for Admission begin.
"	15.	<i>Thursday.</i>	Christmas Term begins.
Dec.	22.	<i>Thursday.</i>	Christmas Term ends.

In 1887-88 the Christmas Vacation will be three weeks.

SENATUS ACADEMICUS.

VISITORS.

The Rt. Rev. THE CHANCELLOR.

The Rt. Rev. HORATIO POTTER, D.D., LL.D., D.C.L.

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115 Vernon Street (office, 13 Seabury Hall).

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Professor of Moral Philosophy.

90 Vernon Street.

✓ The Rev. SAMUEL HART, D.D.,

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22 Jarvis Hall.

✓ H. CARRINGTON BOLTON, PH.D.,

Scovill Professor of Chemistry and Natural Science.

181 Capitol Avenue.

✓ The Rev. ISBON T. BECKWITH, PH.D.,

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14 Seabury Hall.

✓ The Rev. FLAVEL S. LUTHER, M.A.,

Seabury Professor of Mathematics and Astronomy.

74 Vernon Street.

✓ The Rev. HENRY FERGUSON, M.A.,

Northam Professor of History and Political Science.

123 Vernon Street.

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107 Elm Street.

✓ The Rev. JOHN J. MCCOOK, M.A.,

Professor of Modern Languages.

114 Main Street.

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Professor of Physics; and Secretary.

21 Jarvis Hall.

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Professor Emeritus of Natural Philosophy and Astronomy.

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Middletown.

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Lecturer on Anatomy and Physiology.

453 Main Street.

✓ WILLIAM HAMERSLEY, M.A.,

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372 Main Street.

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New York City.

✓ CHARLES DUDLEY WARNER, L.H.D.,

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141 Washington Street.

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Hosmer Hall.

✓ EDWARD O. GRAVES, M.A.,

Lecturer on the Science of Administration.

Washington, D.C.

✓ The Rev. JOHN HUMPHREY BARBOUR, M.A.,

Librarian.

490 Farmington Avenue.

The stated meetings of the Faculty are held every Friday morning at eleven o'clock.

UNDERGRADUATES.

SENIORS.

NAME.	RESIDENCE.	ROOM.
Alexander Hopkins Anderson,	<i>Venetia, Pa.</i>	17 J. H.
Octavius Applegate, Jr.,	<i>Newburgh, N. Y.</i>	8 J. H.
William Agur Beardsley,	<i>Monroe, Ct.</i>	37 J. H.
Charles William Bowman,	<i>Brownsville, Pa.</i>	28 J. H.
George Calvert Carter,	<i>Baltimore, Md.</i>	43 J. H.
Martyn Kerfoot Coster,	<i>Pittsburgh, Pa.</i>	36 J. H.
Charles Ephraim Deuel,	<i>Pine Plains, N. Y.</i>	17 J. H.
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Albert Church Hamlin,	<i>Orange, N. J.</i>	8 J. H.
Strathearn Hendrie,	<i>Detroit, Mich.</i>	9 J. H.
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George Washington Rodgers,	<i>Millsboro, Pa.</i>	2 J. H.
Robert Edward Lee Rodgers,	<i>Millsboro, Pa.</i>	2 J. H.
Orin Arnold Sands,	<i>Bainbridge, N. Y.</i>	25 J. H.
Joseph Wellington Shannon,	<i>Riverside, Pa.</i>	31 J. H.

NAME.	RESIDENCE.	ROOM.
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George Safford Waters (L. S.),	<i>Troy, N. Y.</i>	7 J. H.
Francis Banks Whitcome,	<i>Brookfield Centre, Ct.</i>	37 J. H.

ABBREVIATIONS.

S. H.,	.	.	Seabury Hall.
J. H.,	.	.	Jarvis Hall.
N. T.,	.	.	Northam Towers.
S.,	.	.	Course in Science.
L. S.,	.	.	Course in Letters and Science.
L.,	.	.	Course in Letters.
Sp.,	.	.	Special Student.

JUNIORS.

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Malcolm Clark Warner,	<i>Salisbury, Ct.</i>	13 J. H.

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Reuel Crompton Tuttle,	<i>Windsor, Ct.</i>	18 S. H.

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Aaron Melgert Vanderpoel (L. S.),	<i>New York City.</i>	42 J. H.
Francis Goodwin Williams,	<i>Westport, Ct.</i>	16 J. H.
Albert Empie Wright (SP.),	<i>Wilmington, N. C.</i>	30 J. H.
Boardman Wright,	<i>New Milford, Ct.</i>	23 J. H.

FRESHMEN.

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Robert McClelland Brady (sp.),	<i>Detroit, Mich.</i>	53 N. T.
Rollin Ashley Breckinridge,	<i>Brooklyn, N. Y.</i>	19 J. H.
Wm. Eliphalet Adams Bulkeley (L. s.),	<i>Hartford.</i>	12 J. H.
Frederic Storer Bull (L. s.),	<i>Hartford.</i>	55 N. T.
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Theodore Lathrop Cheritree,	<i>Oak Hill, N. Y.</i>	41 J. H.
Gilbert Payson Coleman,	<i>Cincinnati, O.</i>	41 J. H.
Clifford Standish Griswold,	<i>Wethersfield, Ct.</i>	Wethersfield.
Ira Sturtevant Howe,	<i>Worcester, Mass.</i>	26 J. H.
Robert Hamilton Hutchins,	<i>Concord, N. H.</i>	35 J. H.
Theodore McEwen Hyde (L. s.),	<i>West Hartford, Ct.</i>	27 J. H.
John Stockton Littell,	<i>Wilmington, Del.</i>	1 J. H.
Riverius Manning Luther (L. s.),	<i>Brooklyn, Ct.</i>	74 Vernon St.
George Thurston Macauley,	<i>Detroit, Mich.</i>	12 J. H.
Warren McConihe,	<i>Troy, N. Y.</i>	27 J. H.
Edward McPherson McCook,	<i>Hartford.</i>	114 Main St.
John Butler McCook (L. s.),	<i>Hartford.</i>	114 Main St.
Guy Wilbur Miner,	<i>North Adams, Mass.</i>	25 J. H.
Ernest Albert Pressey (sp.),	<i>Detroit, Mich.</i>	52 N. T.

NAME.	RESIDENCE.	ROOM.
William Pressey,	<i>Detroit, Mich.</i>	52 N. T.
William Harry Chichelé Pynchon,	<i>Plainfield, Ct.</i>	90 Vernon St.
George Cooper Robb,	<i>Phœnix, N. Y.</i>	21 J. H.
Philip Smith (sp.),	<i>Detroit, Mich.</i>	52 N. T.
Uriel Heber Spencer,	<i>Hartford.</i>	37 Washington St.
Elias Boudinot Stockton,	<i>Baltimore, Md.</i>	55 N. T.
Allen Butler Talcott (L. s.),	<i>Hartford.</i>	24 J. H.
George Thornton Warren,	<i>Troy, N. Y.</i>	29 J. H.
William Henry Warren (sp.),	<i>Troy, N. Y.</i>	29 J. H.
John Williams,	<i>Seymour, Ct.</i>	5 J. H.
George Herman Wright,	<i>New Milford, Ct.</i>	23 J. H.

COURSES OF INSTRUCTION.

The College offers four Courses of instruction, viz.:

- I. A COURSE IN ARTS;
- II. A COURSE IN LETTERS AND SCIENCE;
- III. A COURSE IN SCIENCE;
- IV. A COURSE IN LETTERS.

The courses extend over four years, with the exception of the Course in Science, which is completed in three years.

Students completing the Course in Arts receive the degree of Bachelor of Arts. Students completing the Course in Letters and Science, or the Course in Science, receive the degree of Bachelor of Science.

Students who do not propose to pursue all the studies of any of the regular courses are permitted, under the name of Special Students, to recite with any class in such studies as, upon examination, they are found qualified to pursue. They are subject to the same rules and enjoy the same privileges as other students; and, upon honorable dismissal, they are entitled to a certificate from the President, stating the studies which they have pursued during their residence in the College.

After the Commencement of 1888, the degree of Master of Arts will be conferred upon Bachelors of Arts of three years standing, who shall, by examination or otherwise, satisfy the Faculty that they have successfully pursued a course of study equivalent to the work of one academic year.

REQUIREMENTS FOR ADMISSION.

I. COURSE IN ARTS.

Candidates for admission to the Freshman Class are examined in the following books:

GREEK.

Grammar (Hadley or Goodwin).

Xenophon: *Anabasis*, four Books.

Homer: *Iliad*, three Books, with Prosody.

Prose Composition (Jones or White: the exercises in the first half of the book).

History of Greece.

[The translation of average passages, not previously read, from Xenophon and Homer will be accepted as an alternative to the above-mentioned quantities in these authors.]

LATIN.

Grammar.

Caesar: *Gallie War*, four Books.

Virgil: *Aeneid*, six Books, with Prosody.

Cicero: the Orations against Catiline, and that for the Poet Archias.

Prose Composition: Translation into Latin of a passage of connected English narrative, based upon some passage in Caesar's *Gallie War*.

Roman History: Outlines, to the death of Marcus Aurelius (Creighton).

Ancient Geography.

Candidates are also examined at sight upon average passages from Caesar's works, from Virgil's *Aeneid* and Ovid's *Metamorphoses*, and from Cicero's Orations, with general questions suggested by the passages.

MATHEMATICS.

Arithmetic, including the Metric System.

Algebra, through Radicals and Quadratic Equations, together with Proportion, Progressions, and the Binomial Theorem.

Plane Geometry.

ENGLISH.

Each candidate is required to write a short English composition, correct in spelling, punctuation, grammar, division by paragraphs, and expression, upon a subject announced at the time of the examination. In 1887 the subject will be chosen from the following works: Shakspeare's *Julius Caesar* and *Merchant of Venice*; Johnson's *Lives of Milton and Dryden*; Macaulay's *Essays on Milton and Dryden*; the first two books of Milton's *Paradise Lost*; Dryden's *Alexander's Feast*; Scott's *Quentin Durward*; Irving's *Bracebridge Hall*.

Each candidate will also be required to criticize specimens of English composition.

NOTE.—The works from which the subject of the composition will be chosen in the following years are:

In 1888: Shakspeare's *Julius Caesar* and *Twelfth Night*; Johnson's *Lives of Addison and Pope*; Thackeray's *English Humorists*; Dobson's *Eighteenth Century Essays*; Pope's *Rape of the Lock* and *Essay on Criticism*; Miss Austen's *Pride and Prejudice*; Irving's *Bracebridge Hall*; Macaulay's *Lays of Ancient Rome*.

In 1889: Shakspeare's *Julius Caesar* and *As you Like it*; Johnson's *Lives of Swift and Gray*; Thackeray's *English Humorists*; Swift's *Gulliver's Travels*; Gray's *Elegy*; Miss Austen's *Pride and Prejudice*; Scott's *Rob Roy* and *Marmion*.

In 1890: Shakspeare's *Julius Caesar* and *Midsummer Night's Dream*; Macaulay's *Life of Johnson* and *Essay on Boswell's Life of Johnson*; Carlyle's *Essay on Boswell's Life of Johnson*; Johnson's *Vanity of Human Wishes*; Goldsmith's *Vicar of Wakefield* and *Deserted Village*; Dobson's *Eighteenth Century Essays*; Scott's *Quentin Durward*; Macaulay's *Lays of Ancient Rome*.

II. COURSE IN LETTERS AND SCIENCE.

The requirements for admission are the same as in the Course in Arts, with the omission of Greek, Cicero's Orations, and extempore Latin translation.

III. COURSE IN SCIENCE.

Candidates for the Course in Science are examined in the same subjects as those for the Course in Arts, except Greek, Cicero's Orations, and extempore Latin. They are further examined in Algebra as far as the Theory of Equations, in the Geometry of Space, in Plane Trigonometry with its applications to Surveying and Navigation, and in Trench's *Study of Words* and *English Past and Present*.

IV. COURSE IN LETTERS.

The requirements for admission are the same as in the Course in Arts, with the omission of Greek.

Copies of papers used at the Examinations in 1886 are printed at the end of this Catalogue.

EXAMINATIONS FOR ADMISSION.

Two Examinations for Admission are held at the College in each year: the first at the end of June, in Commencement Week; and the second in September, immediately before the beginning of Christmas Term.

In 1887 the order of examinations will be as follows:

JUNE.	SEPTEMBER.
Monday, June 27th, 2 P. M., Greek.	Tuesday, September 13th, 8½ A. M., Greek ;
Tuesday, June 28th, 8½ A. M., Algebra. 2 P. M., Latin.	2 P. M., Latin. Wednesday, September 14th, 8½ A. M., Algebra;
Wednesday, June 29th, 8½ A. M., Arithmetic and Ge- ometry; 2 P. M., English.	2 P. M., English. Thursday, September 15th, 8½ A. M., Arithmetic and Ge- ometry.

Candidates are required to present themselves at the hours specified for the beginning of the examinations.

Examinations for admission will also be held on the specified days of June in New York, Philadelphia, Pittsburgh, Chicago, and San Francisco, and in other places, due notice of which will be given.

Candidates are allowed to divide the examinations and to pass a portion of the requirements a year before they propose to enter; except that no candidate is examined in advance on the whole of the requirements in any department.

No candidate can be admitted to the College before he has completed his fifteenth year.

Applicants for admission to any of the higher classes must sustain, besides the examination for admission to the College, a further examination on the studies already pursued by the class which they propose to enter.

All candidates for admission must bring testimonials of good moral character; and those who are from other Colleges must produce certificates of dismissal in good standing. These testimonials and certificates should be presented at the time of the examinations.

Candidates for admission to the Freshman Class, presenting certificates from certain schools which have courses of instruction approved by the Faculty, are admitted without examination on the studies covered by the certificates.

SCHEMES OF STUDY IN THE FOUR COURSES.

The following schedules show the studies of the several terms, and the number of hours a week assigned to each department of instruction.

The first recitation on Monday morning throughout the College course is devoted to religious studies. These comprise the following subjects: The New Testament in Greek; Old and New Testament History and Biblical Literature; Natural Theology; the Foundations of Religious Belief; the Evidences of Christianity; the Historical Coincidences and Evidences of the Holy Scriptures.

In addition to the religious studies, the Freshmen and the Sophomores are assigned fifteen hours of attendance upon prescribed studies in each week. The Juniors and the Seniors, with some exceptions in the scientific courses, are assigned fewer hours of attendance upon prescribed studies, and are required to choose electives in order to complete at least the number of fifteen hours in each week. The arrangement of the hours of attendance necessarily places limits to the choice of electives; but within these limits the students may choose from the elective studies of any term such as they desire, subject to the approval of the Faculty. Students are required to signify their choice of electives for any term before the close of the preceding term.

It will be observed that one-fourth of the work in the last two years of the course in Arts is in elective studies; in the other courses the ratio of elective to prescribed work is different in different terms.

Students are allowed to pass from one course to another at the beginning of any term, provided they have satisfied all their former examinations.

I. COURSE IN ARTS.

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN YEAR.

CHRISTMAS TERM.

Greek (5 hours a week). Homer : *Odyssey* ; three books. History.*Latin* (5 hours). Cicero : *De Senectute*. Livy : Book I. Latin Composition.*Mathematics* (5 hours). Algebra: Undetermined Coefficients, Series, Binomial Theorem, Logarithms, Theory of Equations. Geometry of Space.

TRINITY TERM.

English (2 hours). Study of Words (Trench). History of the English Language (Lounsbury).*Greek* (4 hours). Homer: *Odyssey*; two Books. Herodotus. Greek Composition. History. History of Literature.*Latin* (4 hours). Horace: Satires, Odes, and Epodes. Pliny: Epistles (extempore translation). Latin Composition.*Mathematics* (5 hours). Plane and Spherical Trigonometry. Surveying, with field-practice. Navigation.

SOPHOMORE YEAR.

CHRISTMAS TERM.

English (2 hours). Hill's Rhetoric. Ten Lectures on Argumentative Discourse. Themes.*French* (3 hours). Grammar, to the Irregular Verb (Keetels). Les Prosateurs français (Roche), begun.*Greek* (4 hours). Euripides : The Bacchantes. History. History of the Drama.*Latin* (4 hours). Tacitus : Germania and Agricola. History.*Mathematics* (2 hours). Analytic Geometry. Lectures on the Transcendental and Higher Curves.

TRINITY TERM.

Botany (3 hours, second half of term). Elementary Botany (Gray).*English* (1 hour). Hill's Rhetoric, finished. Eight Lectures on Narrative Discourse. Analysis of Prose Style. Themes and Oral Discussions.*French* (2 hours). Grammar, finished. Les Prosateurs français, continued. Conversation. Lectures on the Language and its Literature.

COURSE IN ARTS—Continued.

Greek (3 hours). Plato : Apology. Demosthenes: Popular Orations. Theocritus. History. History of Literature.

Latin (3 hours). Selections from Latin Poets : Catullus, Tibullus, Propertius, Ovid, Lucan (with extempore translation). Virgil : Eclogues. History of Roman Literature.

Mechanics (3 hours, first half of term). Analytical Mechanics (Peck). Recitations and Lectures.

Physics (3 hours, second half of term). Experimental Lectures on the Physics of Solids, Liquids, and Gases ; Lectures on Acoustics (Ganot).

Zoology (3 hours, first half of term). Recitations in Packard's Zoology, with lectures illustrated by a suite of skeletons of modern animals and by specimens in alcohol.

JUNIOR YEAR.

CHRISTMAS TERM.

Chemistry (3 hours). Experimental Lectures on Non-metals and Metals (Stoddard's Outlines of Lecture-notes). History of Chemistry.

English (2 hours). History of the English Language (Craik). Essays on literary subjects. Lectures on English Poetry.

German (4 hours). Grammar, through the Irregular Verb (Cook's Otto), with selected Ballads. Bilderbuch ohne Bilder (Andersen).

Physics (2 hours). Experimental Lectures on Heat and Optics (Ganot).

ELECTIVE STUDIES.

Anthropology (2 hours). Outline Study of Man (Hopkins). Lectures.

Biology (2 hours). Actual dissections of marine invertebrata, insecta, batrachia, etc. (Huxley and Martin's Elementary Biology ; Brooks's Handbook of Invertebrate Zoology). Essays on select subjects.

Greek (2 hours). Plato: Phaedo. Greek Composition.

History (2 hours). Outlines of English History.

Latin (2 hours). Tacitus: selections from the Annals and the Histories. History. [Alternately with Senior elective.]

Mathematics (4 hours). Elements of Differential and Integral Calculus.

TRINITY TERM.

Astronomy (3 hours). Mathematical and Descriptive Astronomy. Lectures.

English (1 hour). History of English Literature (Shaw). Essays and Orations. Lectures on Representative Authors and on American Literature.

COURSE IN ARTS—Continued.

German (3 hours). Grammar, finished. Reader of German Literature (Rosenstengel) : Lyric poems and Ballads. Wilhelm Tell (Schiller). Lectures on the Language and its Literature.

Physics (2 hours). Experimental Lectures on Magnetism, Electrostatics, and Electrodynamics.

Political Science (2 hours). Elements of Political Economy.

ELECTIVE STUDIES.

Chemistry (2 hours). Lectures on Organic Chemistry. Stoichiometrical Exercises. Lectures on Analytical Chemistry.

Chemistry (4 hours). Laboratory practice : Exercises in Synthetical and Analytical Chemistry.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Lanier on the English Novel. Taine's English Literature.

Ethics (2 hours). Haven's Moral Philosophy.

French (2 hours). Tableaux de la Révolution française (Crane and Brun, editors). Reading at sight. Conversation. Themes.

Greek (2 hours). Euripides: Ion. Homer: Iliad. Lucian (read at sight).

History (2 hours). History of the United States.

Latin (2 hours). Horace: Epistles. Lucretius. Early Latin. Quintilian (at sight). [Alternately with Senior elective.]

SENIOR YEAR.

CHRISTMAS TERM.

English (1 hour). Philosophy of Literature (Bascom). Six Lectures on Forms of Verse. Essays and Orations.

Geology (2 hours). Lectures on Local Geology (Dana's Text-book of Geology). Field excursions.

History (5 hours). History of Modern Europe. Lectures on the History of Mediæval Europe.

Metaphysics (3 hours). Hamilton's Metaphysics (Bowen). Cousin (Henry). Logic.

ELECTIVE STUDIES.

English (2 hours). Critical reading of Shakspeare: Hamlet, Lear (Rolfe). Lectures on Shakspearian Criticism.

Ethics (4 hours). Whewell's Elements of Morality. Plutarch on the Divine Justice. Lectures.

German (2 hours). Modern Comedy and Romance : Eigensinn (Benedix), Einer muss heirathen (Wilhelmi), Das Wirthshaus zu Cransac (Zschokke). Prose Selections. Reading at sight.

Greek (2 hours). Aeschylus : Prometheus. Greek Composition.

COURSE IN ARTS—Continued.

Latin (2 hours). Cicero or Seneca: Philosophical Writings. [Alternately with Junior elective.]

Mineralogy (2 hours). Crystallography, with identification of models. Lectures on Descriptive Mineralogy; Conferences in Determinative Mineralogy (Dana's Manual).

Physics (2 hours). Lectures on Advanced Physics.

Physics (4 hours). Laboratory work; Physical measurements. Leitfaden der praktischen Physik (Kohlrausch).

Political Science (2 hours). Political Economy. Discussion of Economic Problems.

Sanskrit (2 hours). Perry's Sanskrit Primer.

TRINITY TERM.

English (1 hour). Philosophy of Literature (Bascom), finished. Lectures and Orations.

Ethics (3 hours). Butler's Analogy. Lectures. Butler's Sermons on Human Nature. Wayland's Moral Philosophy.

Metaphysics (3 hours). Psychology, Human and Comparative (Wilson). Logic (Jevons, Wilson).

Political Science (4 hours). History of the English Constitution. History of the Constitution of the United States. American Local Institutions. Lectures on Modern European Constitutions.

ELECTIVE STUDIES.

Astronomy (2 hours). Selections from Chauvenet's Spherical and Practical Astronomy. Exercises in Computation. Practice in the adjustment and use of the Transit Instrument and Equatorial Telescope, etc.

Chemistry (4 hours). Laboratory practice: Qualitative and Quantitative Analysis.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Shakspeare, his Mind and Art (Dowden). Mulford's The Nation.

Ethics (2 hours). Whewell's History of Moral Philosophy.

French (2 hours). Selections from the Modern Drama. Les Poètes français (Roche). French Prosody (De Banville). Old French. Reading at sight.

Greek (2 hours). Euripides: Ion. Homer: Iliad. Lucian (read at sight).

History (2 hours). Philosophy of History (Guizot or Schlegel).

Latin (2 hours). Persius and Juvenal: Satires. Early Latin. Quintilian (at sight). [Alternately with Junior elective.]

Metaphysics (2 hours). Intuitions of the Mind (McCosh).

Physics (4 hours). Laboratory work: Physical measurements. Leitfaden der praktischen Physik (Kohlrausch).

Sanskrit (2 hours). Perry's Sanskrit Primer. Selections from Lanman's Reader.

II. COURSE IN LETTERS AND SCIENCE.

FOR THE DEGREE OF BACHELOR OF SCIENCE.

FRESHMAN YEAR.

CHRISTMAS TERM.

French (3 hours a week). Grammar, to the Irregular Verb (Keetels). Les Prosateurs français (Roche), begun.

History (2 hours). Outlines of English History.

Latin (5 hours). Cicero: De Senectute. Livy: Book I. Latin Composition.

Mathematics (5 hours). Algebra: Undetermined Coefficients, Series, Binomial Theorem, Logarithms, Theory of Equations. Geometry of Space.

TRINITY TERM.

English (2 hours). Study of Words (Trench). History of the English Language (Lounsbury).

French (2 hours). Grammar, finished. Les Prosateurs français, continued. Conversation. Lectures on the Language and its Literature.

History (2 hours). History of the United States (Eliot).

Latin (4 hours). Horace: Satires, Odes, and Epodes. Pliny: Epistles (extempore translation). Latin Composition.

Mathematics (5 hours). Plane and Spherical Trigonometry. Surveying, with field-practice. Navigation.

SOPHOMORE YEAR.

CHRISTMAS TERM.

[Fourteen hours required.]

Anthropology (2 hours). Outline Study of Man (Hopkins). Lectures.

English (2 hours). Hill's Rhetoric. Ten Lectures on Argumentative Discourse. Themes.

German (4 hours). Grammar, through the Irregular Verb (Cook's Otto), with selected Ballads. Bilderbuch ohne Bilder (Andersen).

Latin (4 hours). Tacitus: Germania and Agricola. History.

Mathematics (2 hours). Analytic Geometry. Lectures on the Transcendental and Higher Curves.

TRINITY TERM.

Botany (3 hours, second half of term). Elementary Botany (Gray).

English (1 hour). Hill's Rhetoric, finished. Eight Lectures on Narrative Discourse. Analysis of Prose Style. Themes and Oral Discussions.

COURSE IN LETTERS AND SCIENCE—Continued.

French (2 hours). Tableaux de la Révolution française (Crane and Brun, editors). Reading at sight. Conversation. Themes.

German (3 hours). Grammar, finished. Reader of German Literature (Rosenstengel): Lyric poems and Ballads. Wilhelm Tell (Schiller). Lectures on the Language and its Literature.

Latin (3 hours). Selections from Latin Poets: Catullus, Tibullus, Propertius, Ovid, Lucan (with extempore translation). Virgil: Eclogues. History of Roman Literature.

Mechanics (3 hours, first half of term). Analytical Mechanics (Peck). Recitations and Lectures.

Physics (3 hours, second half of term). Experimental Lectures on the Physics of Solids, Liquids, and Gases; Lectures on Acoustics (Ganot).

Zoology (3 hours, first half of term). Recitations in Packard's Zoology, with lectures illustrated by a suite of skeletons of modern animals and by specimens in alcohol.

JUNIOR YEAR.

CHRISTMAS TERM.

Biology (2 hours). Actual dissection of marine invertebrata, insecta, batrachia, etc. (Huxley and Martin's Elementary Biology; Brooks's Handbook of Invertebrate Zoology). Essays on select subjects.

Chemistry (3 hours). Experimental Lectures on Non-metals and Metals (Stoddard's Outline of Lecture-notes). History of Chemistry. Thesis: "Fluorine."

English (2 hours). History of the English Language (Craik). Essays on literary subjects. Lectures on English Poetry.

Mathematics (4 hours). Elements of Differential and Integral Calculus.

Physics (2 hours). Experimental Lectures on Heat and Optics (Ganot).

ELECTIVE STUDIES.

English (2 hours). Critical reading of Shakspeare; Hamlet, Lear (Rolfe). Lectures on Shakspearian Criticism.

Ethics (4 hours). Whewell's Elements of Morality. Plutarch on the Divine Justice. Lectures.

German (2 hours). Modern Comedy and Romance: Eigensinn (Benedix), Einer muss heirathen (Wilhelmi), Das Wirthshaus zu Cransac (Zschokke). Prose Selections. Reading at sight.

TRINITY TERM.

Astronomy (3 hours). Mathematical and Descriptive Astronomy. Lectures.

Chemistry (2 hours). Lectures on Organic Chemistry. Stoichiometrical Exercises. Lectures on Analytical Chemistry.

COURSE IN LETTERS AND SCIENCE—Continued.

Chemistry (4 hours). Laboratory practice: Exercises in Synthetical and Analytical Chemistry. Reports on Chemical processes.

Physics (2 hours). Experimental Lectures on Magnetism, Electrostatics, and Electrodynamics.

Political Science (2 hours). Elements of Political Economy.

ELECTIVE STUDIES.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Lanier on the English Novel. Taine's English Literature.

Ethics (2 hours). Marcus Aurelius. Lectures.

Latin (2 hours). Horace: Epistles. Lucretius. Early Latin. Quintilian (at sight). [Alternately with Senior elective.]

SENIOR YEAR.

CHRISTMAS TERM.

English (1 hour). Philosophy of Literature (Bascom). Six Lectures on Forms of Verse. Essays and Orations.

Geology (2 hours). Lectures on Local Geology (Dana's Text-book of Geology). Field excursions.

History (3 hours). History of Modern Europe.

Metaphysics (3 hours). Hamilton's Metaphysics (Bowen). Cousin (Henry). Logic.

Physics (2 hours). Lectures on Advanced Physics.

Physics (4 hours). Laboratory Work: Physical Measurements. Leitfaden der praktischen Physik (Kohlrausch).

ELECTIVE STUDY.

Mineralogy (2 hours). Crystallography, with identification of models. Lectures on Descriptive Mineralogy; Conferences in Determinative Mineralogy (Dana's Manual).

TRINITY TERM.

English (1 hour). Philosophy of Literature (Bascom), finished. Lectures and Orations.

Ethics (3 hours). Butler's Analogy. Lectures. Butler's Sermons on Human Nature. Wayland's Moral Philosophy.

Metaphysics (3 hours). Psychology, Human and Comparative (Wilson). Logic (Jevons, Wilson).

Physics (4 hours). Laboratory Work: Physical Measurements. Leitfaden der praktischen Physik (Kohlrausch).

Political Science (4 hours). History of the English Constitution. History of the Constitution of the United States. American Local Institutions. Lectures on Modern European Constitutions.

COURSE IN LETTERS AND SCIENCE—Continued.

ELECTIVE STUDIES.

Astronomy (2 hours). Selections from Chauvenet's Spherical and Practical Astronomy. Exercises in Computation. Practice in the adjustment and use of the Transit Instrument and Equatorial Telescope, etc.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Shakspeare, his Mind and Art (Dowden). Mulford's The Nation.

Ethics (2 hours). Adam Smith's Moral Sentiments.

French (2 hours). Selections from the Modern Drama. Les Poëtes français (Roche). French Prosody (De Banville). Old French. Reading at sight.

History (2 hours). Philosophy of History (Guizot or Schlegel).

Latin (2 hours). Persius and Juvenal: Satires. Early Latin. Quintilian (at sight). [Alternately with Junior elective.]

Metaphysics (2 hours). Intuitions of the Mind (McCosh).

III. COURSE IN SCIENCE.

FOR THE DEGREE OF BACHELOR OF SCIENCE.

SOPHOMORE YEAR.

CHRISTMAS TERM.

English (2 hours a week). Hill's Rhetoric. Ten Lectures on Argumentative Discourse. Themes.

French (3 hours). Grammar, to the Irregular Verb (Keetels). Les Prosateurs français (Roche), begun.

German (4 hours). Grammar, through the Irregular Verb (Cook's Otto), with selected Ballads. Bilderbuch ohne Bilder (Andersen).

History (2 hours). Outlines of English History.

Mathematics (4 hours). Spherical Trigonometry. Surveying, with field-practice. Navigation. Analytic Geometry. Lectures on the Transcendental and Higher Curves.

TRINITY TERM.

[Sixteen hours required.]

Botany (3 hours, second half of term). Elementary Botany (Gray).

English (1 hour). Hill's Rhetoric, finished. Eight Lectures on Narrative Discourse. Analysis of Prose Style. Themes and Oral Discussions.

Ethics (2 hours). Haven's Moral Philosophy.

French (2 hours). Grammar, finished. Les Prosateurs français, continued. Conversation. Lectures on the Language and its Literature.

German (3 hours). Grammar, finished. Reader of German Literature (Rosenstengel): Lyric poems and Ballads. Wilhelm Tell (Schiller). Lectures on the Language and its Literature.

History (2 hours). History of the United States.

Mechanics (3 hours, first half of term). Analytical Mechanics (Peck). Recitations and Lectures.

Physics (3 hours, second half of term). Experimental lectures on the Physics of Solids, Liquids, and Gases; Lectures on Acoustics (Ganot).

Zoology (3 hours, first half of term). Recitations in Packard's Zoology, with lectures illustrated by a suite of skeletons of modern animals and by specimens in alcohol.

JUNIOR YEAR.

CHRISTMAS TERM.

Biology (2 hours). Actual dissections of marine invertebrata, insecta, batrachia, etc. (Huxley and Martin's Elementary Biology; Brooks's Handbook of Invertebrate Zoology). Essays on select subjects.

COURSE IN SCIENCE—Continued.

Chemistry (3 hours). Experimental Lectures on Non-metals and Metals (Stoddard's Outlines of Lecture-notes). History of Chemistry. Thesis: "Fluorine."

English (2 hours). History of the English Language (Craik). Essays on literary subjects. Lectures on English Poetry.

German (2 hours). Modern Comedy and Romance: Eigensinn (Benedix), Einer muss heirathen (Wilhelmi), Das Wirthshaus zu Cransac (Zschokke). Prose Selections. Reading at sight.

Mathematics (4 hours). Elements of Differential and Integral Calculus.

Physics (2 hours). Experimental Lectures on Heat and Optics (Ganot).

TRINITY TERM.

[Sixteen hours required.]

Astronomy (3 hours). Mathematical and Descriptive Astronomy. Lectures.

Chemistry (2 hours). Lectures on Organic Chemistry. Stoichiometrical Exercises. Lectures on Analytical Chemistry.

Chemistry (4 hours). Laboratory practice: Exercises in Synthetical and Analytical Chemistry. Reports on Chemical Processes.

English (1 hour). History of English Literature (Shaw). Essays and Orations. Lectures on Representative Authors and on American Literature.

French (2 hours). Tableaux de la Révolution française (Crane and Brun, editors). Reading at sight. Conversation. Themes.

Physics (2 hours). Experimental Lectures on Magnetism, Electrostatics, and Electrodynamics.

Political Science (2 hours). Elements of Political Economy.

ELECTIVE STUDY.

Elocution (2 hours). Exercises in Elocution.

SENIOR YEAR.

CHRISTMAS TERM.

English (1 hour). Philosophy of Literature (Bascom). Six Lectures on Forms of Verse. Essays and Orations.

Geology (2 hours). Lectures on Local Geology (Dana's Text-book of Geology). Field excursions.

History (3 hours). History of Modern Europe.

Metaphysics (3 hours). Hamilton's Metaphysics (Bowen). Cousin (Henry). Logic.

Mineralogy (2 hours). Crystallography, with identification of models. Lectures on Descriptive Mineralogy; Conferences in Determinative Mineralogy (Dana's Manual).

Physics (2 hours). Lectures on Advanced Physics.

Physics (4 hours). Laboratory work: Physical measurements. Leitfaden der praktischen Physik (Kohlrausch).

COURSE IN SCIENCE—Continued.

TRINITY TERM.

English (1 hour). Philosophy of Literature (Bascom), finished. Lectures and Orations.

Ethics (3 hours). Butler's Analogy. Lectures. Butler's Sermons on Human Nature. Wayland's Moral Philosophy.

Metaphysics (3 hours). Psychology, Human and Comparative (Wilson). Logic (Jevons, Wilson).

Physics (4 hours). Laboratory work: Physical measurements. Leitfaden der praktischen Physik (Kohlrausch).

Political Science (4 hours). History of the English Constitution. History of the Constitution of the United States. American Local Institutions. Lectures on Modern European Constitutions.

ELECTIVE STUDIES.

Astronomy (2 hours). Selections from Chauvenet's Spherical and Practical Astronomy. Exercises in Computation. Practice in the adjustment and use of the Transit Instrument and Equatorial Telescope, etc.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Shakspeare, his Mind and Art (Dowden). Mulford's The Nation.

Ethics (2 hours). Whewell's History of Moral Philosophy.

French (2 hours). Selections from the Modern Drama. Les Poètes français (Roche). French Prosody (De Banville). Old French. Reading at sight.

History (2 hours). Philosophy of History (Guizot or Schlegel).

Metaphysics (2 hours). Intuitions of the Mind (McCosh).

IV. COURSE IN LETTERS.

FRESHMAN YEAR.

CHRISTMAS TERM.

French (3 hours a week). Grammar, to the Irregular Verb (Keetels). Les Prosateurs français (Roche), begun.

History (2 hours). Outlines of English History.

Latin (5 hours). Cicero : De Senectute. Livy : Book I. Latin Composition.

Mathematics (5 hours). Algebra : Undetermined Coefficients, Series, Binomial Theorem, Logarithms, Theory of Equations. Geometry of Space.

TRINITY TERM.

English (2 hours). Study of Words (Trench). History of the English Language (Lounsbury).

French (2 hours). Grammar, finished. Les Prosateurs français, continued. Conversation. Lectures on the Language and its Literature.

History (2 hours). History of the United States.

Latin (4 hours). Horace : Satires, Odes, and Epodes. Pliny : Epistles (extempore translation). Latin Composition.

Mathematics (5 hours). Plane and Spherical Trigonometry. Surveying, with field-practice. Navigation.

SOPHOMORE YEAR.

CHRISTMAS TERM.

[Fourteen hours required.]

Anthropology (2 hours). Outline Study of Man (Hopkins). Lectures.

English (2 hours). Hill's Rhetoric. Ten Lectures on Argumentative Discourse. Themes.

German (4 hours). Grammar, through the Irregular Verb (Cook's Otto), with selected Ballads. Bilderbuch ohne Bilder (Andersen).

Latin (4 hours). Tacitus : Germania and Agricola. History.

Mathematics (2 hours). Analytic Geometry. Lectures on the Transcendental and Higher Curves.

TRINITY TERM.

Botany (3 hours, second half of term). Elementary Botany (Gray).

English (1 hour). Hill's Rhetoric, finished. Eight Lectures on Narrative Discourse. Analysis of Prose Style. Themes and Oral Discussions.

French (2 hours). Tableaux de la Révolution française (Crane and Brun, editors). Reading at sight. Conversation. Themes.

COURSE IN LETTERS—Continued.

German (3 hours). Grammar, finished. Reader of German Literature (Rosenstengel): Lyric poems and Ballads. Wilhelm Tell (Schiller). Lectures on the Language and its Literature.

Latin (3 hours). Selections from Latin Poets: Catullus, Tibullus, Propertius, Ovid, Lucan (with extempore translation). Virgil: Eclogues. History of Roman Literature.

Mechanics (3 hours, first half of term). Analytical Mechanics (Peck). Recitations and Lectures.

Physics (3 hours, second half of term). Experimental Lectures on the Physics of Solids, Liquids, and Gases; Lectures on Acoustics (Ganot).

Zoology (3 hours, first half of term). Recitations in Packard's Zoology, with lectures illustrated by a suite of skeletons of modern animals and by specimens in alcohol.

JUNIOR YEAR.

CHRISTMAS TERM.

Chemistry (3 hours). Experimental lectures on Non-metals and Metals (Stoddard's Outlines of Lecture-notes). History of Chemistry.

English (2 hours). History of the English Language (Craik). Essays on literary subjects. Lectures on English Poetry.

English (2 hours). Critical reading of Shakspeare: Hamlet, Lear (Rolfe). Lectures on Shakspearian Criticism.

German (2 hours). Modern Comedy and Romance: Eigensinn (Benedix), Einer muss heirathen (Wilhelmi), Das Wirthshaus zu Cransac (Zschokke). Prose Selections. Reading at sight.

Physics (2 hours). Experimental Lectures on Heat and Optics (Ganot).

ELECTIVE STUDIES.

Biology (2 hours). Actual dissections of marine invertebrata, insecta, batrachia, etc. (Huxley and Martin's Elementary Biology; Brooks's Handbook of Invertebrate Zoology). Essays on select subjects.

Latin (2 hours). Tacitus: Selections from the Annals and the Histories. History. [Alternately with Senior elective.]

Mathematics (4 hours). Elements of Differential and Integral Calculus.

TRINITY TERM.

[Fourteen hours required.]

Astronomy (3 hours). Mathematical and Descriptive Astronomy. Lectures.

English (1 hour). History of English Literature (Shaw). Essays and Orations. Lectures on Representative Authors and on American Literature.

COURSE IN LETTERS—Continued.

French (2 hours). Selections from the Modern Drama. Les Poètes français (Roche). French Prosody (De Banville). Old French. Reading at sight.

Physics (2 hours). Experimental Lectures on Magnetism, Electrostatics, and Electrodynamics.

Political Science (2 hours). Elements of Political Economy.

ELECTIVE STUDIES.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Lanier on the English Novel. Taine's English Literature.

Ethics (2 hours). Marcus Aurelius. Lectures.

Latin (2 hours). Horace: Epistles. Lucretius. Early Latin. Quintilian (at sight). [Alternately with Senior elective.]

SENIOR YEAR.

CHRISTMAS TERM.

English (1 hour). Philosophy of Literature (Bascom). Six Lectures on Forms of Verse. Essays and Orations.

Geology (2 hours). Lectures on Local Geology (Dana's Text book of Geology). Field excursions.

History (5 hours). History of Modern Europe. Lectures on the History of Mediæval Europe.

Metaphysics (3 hours). Hamilton's Metaphysics (Bowen). Cousin (Henry). Logic.

ELECTIVE STUDIES.

Ethics (4 hours). Whewell's Elements of Morality. Plutarch on the Divine Justice. Lectures.

Latin (2 hours). Cicero or Seneca: Philosophical Writings. [Alternately with Junior elective.]

Physics (2 hours). Lectures on Advanced Physics.

Political Science (2 hours). Political Economy. Discussion of Economic Problems.

TRINITY TERM.

English (1 hour). Philosophy of Literature (Bascom), finished. Lectures and Orations.

Ethics (3 hours). Butler's Analogy. Lectures. Butler's Sermons on Human Nature. Wayland's Moral Philosophy.

Metaphysics (3 hours). Psychology, Human and Comparative (Wilson). Logic (Jevons, Wilson).

COURSE IN LETTERS—Continued.

Political Science (4 hours). History of the English Constitution. History of the Constitution of the United States. American Local Institutions. Lectures on Modern European Constitutions.

ELECTIVE STUDIES.

Astronomy (2 hours). Selections from Chauvenet's Spherical and Practical Astronomy. Exercises in Computation. Practice in the adjustment and use of the Transit Instrument and Equatorial Telescope, etc.

Elocution (2 hours). Exercises in Elocution.

English (2 hours). Shakspeare, his Mind and Art (Dowden). Mulford's The Nation.

Ethics (2 hours). Adam Smith's Moral Science.

History (2 hours). Philosophy of History (Guizot or Schlegel).

Latin (2 hours). Persius and Juvenal: Satires. Early Latin. Quintilian (at sight). [Alternately with Junior elective.]

Metaphysics (2 hours). Intuitions of the Mind (McCosh).

COURSE IN ARTS.

HOURS OF ATTENDANCE.

CHRISTMAS TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Greek.	Greek.	Latin.	Greek.	Mathematics.
9½-10½	Latin.	Latin.	Latin.	Greek.	Latin.	
12-1	Greek.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	

SOPHOMORES.

8½-9½	Rel. Studies.	French.	Latin.	Greek.	French.	English.
9½-10½	Greek.	Greek.	Mathematics.	French.	Mathematics.	
12-1	Latin.	Latin.	English.	Latin.	Greek.	

JUNIORS.

8½-9½	Rel. Studies.	English.	Physics.	German.	English.	Physics.
9½-10½	German.	German.	Chemistry.	Chemistry.	Chemistry.	
	<i>Calculus.</i>	<i>Calculus.</i>	<i>Calculus.</i>	<i>Calculus.</i>		
11-12	<i>History.</i>	<i>Anthropology.</i>	<i>History.</i>	<i>Anthropology.</i>		
	<i>Latin.</i>	<i>Greek.</i>	<i>Latin.</i>	<i>Greek.</i>		
12-1					*German.	
2-4			<i>Biology.</i>			

SENIORS.

8½-9½	Rel. Studies.	History.	Metaphysics.	English.	Metaphysics.	Metaphysics.
9½-10½	History.	Geology.	History.	History.	*History.	
		<i>Greek.</i>		<i>Greek.</i>		
11-12	<i>Latin.</i>	<i>Physics.</i>	<i>Latin.</i>	<i>Physics.</i>		
		<i>Pol. Science.</i>		<i>Pol. Science.</i>		
	<i>Ethics.</i>	<i>Ethics.</i>	<i>Ethics.</i>	<i>Ethics.</i>		
12-1	<i>German.</i>	<i>English.</i>	<i>German.</i>	<i>English.</i>	Geology.	
2-4	<i>Mineralogy.</i>	<i>Pract. Physics.</i>		<i>Pract. Physics.</i>		
4½-5½		<i>Sanskrit.</i>			<i>Sanskrit.</i>	

TRINITY TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Latin.	English.	Latin.	Latin.	English.
9½-10½	Latin.	Greek.	Mathematics.	Greek.	Mathematics.	
12-1	Mathematics.	Mathematics.	Greek.	Mathematics.	Greek.	

SOPHOMORES.

8½-9½	Rel. Studies.	Mechanics.	Nat. History.	Mechanics.	Nat. History.	Mechanics.
9½-10½	Greek.	Nat. History.	Greek.	English.	Greek.	
12-1	Latin.	Latin.	French.	Latin.	French.	

JUNIORS.

8½-9½	Rel. Studies.	Astronomy.	Pol. Science.	Astronomy.	English.	Pol. Science.
9½-10½	German.	Physics.	German.	German.	*German.	
	<i>Ethics.</i>	<i>Elocution.</i>	<i>Ethics.</i>	<i>Elocution.</i>		
11-12	<i>French.</i>	<i>History.</i>	<i>French.</i>	<i>History.</i>		
	<i>Greek.</i>	<i>Latin.</i>	<i>Greek.</i>	<i>Latin.</i>		
12-1	<i>English.</i>	<i>Chemistry.</i>	<i>English.</i>	<i>Chemistry.</i>	Astronomy.	
2-4		<i>Pract. Chem.</i>		<i>Pract. Chem.</i>		

SENIORS.

8½-9½	Rel. Studies.	Ethics.	Metaphysics.	Ethics.	Metaphysics.	Ethics.
9½-10½	Pol. Science.	Metaphysics.	Pol. Science.	Pol. Science.	English.	
	<i>Astronomy.</i>	<i>Elocution.</i>	<i>Astronomy.</i>	<i>Elocution.</i>		
11-12	<i>Greek.</i>	<i>Latin.</i>	<i>Greek.</i>	<i>Latin.</i>		
		<i>Metaphysics.</i>		<i>Metaphysics.</i>		
	<i>Ethics.</i>	<i>English.</i>	<i>Ethics.</i>	<i>English.</i>	*Pol. Science.	
12-1	<i>History.</i>	<i>French.</i>	<i>History.</i>	<i>French.</i>		
2-4		<i>Pract. Chem.</i>	<i>Pract. Phys.</i>	<i>Pract. Chem.</i>	<i>Pract. Phys.</i>	
4½-5½		<i>Sanskrit.</i>			<i>Sanskrit.</i>	

Prescribed Studies in Roman; Elective Studies in *Italic*.

*Or Lectures in History by Bishop Williams.

COURSE IN LETTERS AND SCIENCE.

HOURS OF ATTENDANCE.

CHRISTMAS TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	French.		Latin.	French.	Mathematics.
9½-10½	Latin.	Latin.	Latin.	French.	Latin.	
11-12	History.		History.			
12-1		Mathematics.	Mathematics.	Mathematics.	Mathematics.	

SOPHOMORES.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.		Latin.	German.		English.
9½-10½	German.	German.	Mathematics.		Mathematics.	
11-12		Anthropology.	English.	Anthropology.	* German.	
12-1	Latin.	Latin.		Latin.		

JUNIORS.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	English.	Physics.		English.	Physics.
9½-10½			Chemistry.	Chemistry.	Chemistry.	
11-12	Calculus.	Calculus.	Calculus.	Calculus.		
12-1	<i>Ethics.</i>	<i>Ethics.</i>	<i>Ethics.</i>	<i>Ethics.</i>		
2-4	<i>German.</i>	<i>English.</i>	<i>German.</i>	<i>English.</i>		
			Biology.			

SENIORS.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	History.	Metaphysics.	English.	Metaphysics.	Metaphysics.
9½-10½	History.	Geology.		History.		
11-12		Physics.		Physics.		
12-1					Geology.	
2-4	<i>Mineralogy.</i>	Pract. Phys.		Pract. Phys.		

TRINITY TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Latin.	English.	Latin.	Latin.	English.
9½-10½	Latin.		Mathematics.		Mathematics.	
11-12		History.		History.		
12-1	Mathematics.	Mathematics.	French.	Mathematics.	French.	

SOPHOMORES.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Mechanics.	Nat. History.	Mechanics.	Nat. History.	Mechanics.
9½-10½	German.	Nat. History.	German.	English.	* German.	
11-12	French.		French.			
12-1	Latin.	Latin.		Latin.		

JUNIORS.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Astronomy.	Pol. Science.	Astronomy.		Pol. Science.
9½-10½		Physics.		Physics.		
11-12	<i>Ethics.</i>	<i>Elocution.</i>	<i>Ethics.</i>	<i>Elocution.</i>		
12-1		Latin.		Latin.		
2-4	<i>English.</i>	Chemistry.	<i>English.</i>	Chemistry.	Astronomy.	
		Pract. Chem.		Pract. Chem.		

SENIORS.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Ethics.	Metaphysics.	Ethics.	Metaphysics.	Ethics.
9½-10½	Pol. Science.	Metaphysics.	Pol. Science.	Pol. Science.	English.	
11-12		<i>Elocution.</i>		<i>Elocution.</i>		
	<i>Astronomy.</i>	Latin.	<i>Astronomy.</i>	Latin.		
		<i>Metaphysics.</i>		<i>Metaphysics.</i>		
12-1	<i>Ethics.</i>	<i>English.</i>	<i>Ethics.</i>	<i>English.</i>		
	<i>History.</i>	<i>French.</i>	<i>History.</i>	<i>French.</i>	* Pol. Science.	
2-4			Pract. Phys.		Pract. Phys.	

Prescribed Studies in Roman; Elective Studies in *Italic*.

* Or Lectures in History by Bishop Williams.

COURSE IN SCIENCE.

HOURS OF ATTENDANCE.

CHRISTMAS TERM.

SOPHOMORES.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	French.	Mathematics.	German.	French.	English.
9½-10½	German.	German.	Mathematics.	French.	Mathematics.	
11-12	History.		History.			
12-1	Mathematics.		English.		*German.	

JUNIORS.

8½-9½	Rel. Studies.	English.	Physics.		English.	Physics.
9½-10½			Chemistry.	Chemistry.	Chemistry.	
11-12	Calculus.	Calculus.	Calculus.	Calculus.		
12-1	German.		German.			
2-4			Biology.			

SENIORS.

8½-9½	Rel. Studies.	History.	Metaphysics.	English.	Metaphysics.	Metaphysics.
9½-10½	History.	Geology.		History.		
11-12		Physics.		Physics.		
12-1					Geology.	
2-4	Mineralogy.	Pract. Phys.		Pract. Phys.		

TRINITY TERM.

SOPHOMORES.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Mechanics.	Nat. History.	Mechanics.	Nat. History.	Mechanics.
9½-10½	German.	Nat. History.	German.	English.	*German.	
11-12	Ethics.	History.	Ethics.	History.		
12-1			French.		French.	

JUNIORS.

8½-9½	Rel. Studies.	Astronomy.	Pol. Science.	Astronomy.	English.	Pol. Science.
9½-10½		Physics.		Physics.		
11-12	French.	<i>Elocution.</i>	French.	<i>Elocution.</i>		
12-1		Chemistry.		Chemistry.	Astronomy.	
2-4		Pract. Chem.		Pract. Chem.		

SENIORS.

8½-9½	Rel. Studies.	Ethics.	Metaphysics.	Ethics.	Metaphysics.	Ethics.
9½-10½	Pol. Science.	Metaphysics.	Pol. Science.	Pol. Science.	Pol. Science.	
11-12	<i>Astronomy.</i>	<i>Elocution.</i>	<i>Astronomy.</i>	<i>Elocution.</i>	English.	
		<i>Metaphysics.</i>		<i>Metaphysics.</i>		
12-1	<i>Ethics.</i>	<i>English.</i>	<i>Ethics.</i>	<i>English.</i>	*Pol. Science.	
	<i>History.</i>	<i>French.</i>	<i>History.</i>	<i>French.</i>		
2-4			Pract. Phys.		Pract. Phys.	

Prescribed Studies in Roman; Elective Studies in *Italic*.

* Or Lectures in History by Bishop Williams.

COURSE IN LETTERS.

HOURS OF ATTENDANCE.

CHRISTMAS TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	French.		Latin.	French.	Mathematics.
9½-10½	Latin.	Latin.	Latin.	French.	Latin.	
11-12	History.		History.			
12-1		Mathematics.	Mathematics.	Mathematics.	Mathematics.	

SOPHOMORES.

8½-9½	Rel. Studies.		Latin.	German.		English.
9½-10½	German.	German.	Mathematics.		Mathematics.	
11-12		Anthropology.		Anthropology.		
12-1	Latin.	Latin.	English.	Latin.	* German.	

JUNIORS.

8½-9½	Rel. Studies.	English.	Physics.		English.	Physics.
9½-10½			Chemistry.	Chemistry.	Chemistry.	
11-12	<i>Calculus.</i>	<i>Calculus.</i>	<i>Calculus.</i>	<i>Calculus.</i>		
12-1	<i>Latin.</i>		<i>Latin.</i>			
2-4	German.	English.	German.		English.	
			<i>Biology.</i>			

SENIORS.

8½-9½	Rel. Studies.	History.	Metaphysics.	English.	Metaphysics.	Metaphysics.
9½-10½	History.	Geology.	History.	History.	* History.	
11-12	<i>Latin.</i>	<i>Physics.</i>	<i>Latin.</i>	<i>Physics.</i>		
12-1	<i>Ethics.</i>	<i>Pol. Science.</i>	<i>Ethics.</i>	<i>Pol. Science.</i>	Geology.	
		<i>Ethics.</i>		<i>Ethics.</i>		

TRINITY TERM.

FRESHMEN.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½-9½	Rel. Studies.	Latin.	English.	Latin.	Latin.	English.
9½-10½	Latin.		Mathematics.		Mathematics.	
11-12		History.		History.		
12-1	Mathematics.	Mathematics.	French.	Mathematics.	French.	

SOPHOMORES.

8½-9½	Rel. Studies.	Mechanics.	Nat. History.	Mechanics.	Nat. History.	Mechanics.
9½-10½	German.	Nat. History.	German.	English.	* German.	
11-12	French.		French.			
12-1	Latin.	Latin.		Latin.		

JUNIORS.

8½-9½	Rel. Studies.	Astronomy.	Pol. Science.	Astronomy.	English.	Pol. Science.
9½-10½		Physics.		Physics.		
11-12	<i>Ethics.</i>	<i>Elocution.</i>	<i>Ethics.</i>	<i>Elocution.</i>		
12-1	<i>Latin.</i>	<i>Latin.</i>	<i>Latin.</i>	<i>Latin.</i>		
	<i>English.</i>	French.	<i>English.</i>	French.	Astronomy.	

SENIORS.

8½-9½	Rel. Studies.	Ethics.	Metaphysics.	Ethics.	Metaphysics.	Ethics.
9½-10½	Pol. Science.	Metaphysics.	Pol. Science.	Pol. Science.	English.	
11-12	<i>Astronomy.</i>	<i>Elocution.</i>	<i>Astronomy.</i>	<i>Elocution.</i>		
12-1	<i>Ethics.</i>	<i>Metaphysics.</i>	<i>Ethics.</i>	<i>Metaphysics.</i>		
	<i>History.</i>	<i>Latin.</i>	<i>History.</i>	<i>Latin.</i>	* Pol. Science.	

Prescribed Studies in Roman; Elective Studies in *Italic*.

* Or Lectures in History by Bishop Williams.

LECTURES.

Besides the lectures given by the Professors in the several departments, the following courses of lectures are delivered each year.

By Bishop Williams: to the Seniors, on Ancient History and the History of the Holy Roman Empire; to the Juniors, on the History of England and of the United States.

By Professor Brocklesby: to the Juniors, on the History of Astronomy.

By Dr. Wainwright: to the Seniors, on Anatomy and Physiology.

By Mr. Hamersley: to the Seniors, on the Constitution of the United States.

By Dr. Scudder: to the Freshmen, on Hygiene.

By Dr. Warner: on English Literature.

By Mr. Graves: on the Science of Administration.

VOLUNTARY STUDIES.

In addition to the regular courses of instruction, arrangements are made for the following courses of special study. The names of undergraduates pursuing voluntary studies in any term are publicly announced at the end of the term.

Greek.

SENIORS AND JUNIORS: Aristotle.

SOPHOMORES: Xenophon's Hellenica.

FRESHMEN: Homer.

History and Political Science.

SENIORS: History of the Nineteenth Century.

SENIORS: Principles of International Law.

JUNIORS: History of the Renaissance.

Latin.

SENIORS AND JUNIORS: Patristic Latin; Quintilian.

SOPHOMORES: Plautus; Terence.

FRESHMEN: Ovid; Cicero de Amicitia.

Mathematics.

SENIORS AND JUNIORS: Differential and Integral Calculus.

SOPHOMORES: Analytic Geometry; Quaternions.

FRESHMEN: Higher Algebra; Geometrical Exercises.

Metaphysics.

SENIORS: Berkeley's Principles of Knowledge (Krauth); McCosh on the Divine Government; Porter's Human Intellect.

Modern Languages.

SOPHOMORES: French: Translations and Conversations.

JUNIORS: German: Translations and Conversations.

SENIORS AND JUNIORS: Italian: Montague's Manual. I Prosatori italiani (Biaggi). Commedie scelte (Goldoni). Fiori della Poesia italiana (Michaelis).

Spanish: Montague's Manual. Libro de lectura, No. 3 (Mantilla). Antologia española (Michaelis).

Oriental Languages.

SENIORS AND JUNIORS: Elementary Hebrew Grammar and parts of the Pentateuch.

RELIGIOUS SERVICES.

The hours of daily Prayers in the College Chapel are 8 o'clock A. M., and 5:30 P. M. The students are required to attend one service a day, but must be present four times a week at the morning service.

On Sundays, the services are at 10:30 A. M. (with Sermon) and 5 P. M. The students attend both Morning and Evening Prayer in the Chapel, unless excused to attend their own places of worship in the city. The Holy Communion is administered every Sunday at a voluntary service at 8:10 o'clock, except on the first Sunday of the month, when the celebration is after Morning Prayer.

TERMS AND VACATIONS.

The academic year is divided into Christmas term and Trinity term. Christmas term begins about the middle of September, and closes near Christmas. It is followed by the Christmas vacation of two or three weeks.

Trinity term begins in January, at the end of the Christmas vacation, and extends to Commencement-day, which is the last Thursday in June. In this term there is a recess of ten days in April. The Sixty-first Commencement falls on the 30th day of June, 1887.

MATRICULATION.

Matriculation consists in signing, in the presence of the President and Professors, the following promise :

"I promise to observe the Statutes of Trinity College ; to discharge faithfully all scholastic duties imposed upon me ; and to maintain and defend all the rights, privileges, and immunities of the College, according to my station and degree in the same."

The time for Matriculation is determined by the Faculty.

EXAMINATIONS.

Examinations are held at the close of each term, upon all the studies of that term. These examinations are partly oral and partly written.

No student is admitted to examination in any department, unless his average mark for the term in that department is at least five on a scale of ten.

When a student is excluded from examination, or fails to pass any examination, he is conditioned, and is required to report himself at the opening of the following term, prepared to pass a special examination.

No student is advanced to the studies of any year until he has passed the examinations of the preceding year.

HONORS.

If a student attains in any department throughout a College year an average of nine on a scale of ten in the marks for his recitations, and also an average of nine in the marks for his examinations, it is publicly announced that he has the honor-grade in that department for the year. In case, however, he pursues the studies of a department in any year for one term only, he may attain the honor-grade for that term on the same conditions.

Honors at graduation are conferred in the following branches of study : Astronomy, Chemistry, English, Ethics and Metaphysics, Greek, History and Political Science, Latin, Mathematics, Modern Languages, Natural Science, Physics. In order to be graduated

cum honore in any of these branches, a student must have attained the honor-grade in all the studies of that branch throughout his College course, including the electives ; except that in Greek, Latin, and Practical Chemistry, the elective studies of one year only are required, and that in no case is it necessary to take more than four hours per week of elective work in any department.

A list of students attaining the honor-grade in any College year is published in the Catalogue of the following year. The names of the members of each graduating class are printed in the next annual Catalogue in the following manner : first, the names of those who have been graduated *cum honore*, with a statement of the branches of study in which they have attained honors ; then, the names of the others in alphabetical order.

A student attaining the honor-grade in all his studies throughout the College course is graduated with the title of *OPTIMUS*.

STANDING AND APPOINTMENTS.

The standing of a student is reckoned from the beginning of Freshman year, and is determined by his scholarship, as shown in recitations and examinations.

At the close of each term a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian.

The aggregate standing attained by each member of a class is published at the beginning of the second term in Junior year and at the end of Senior year. When a student has entered College after the beginning of Freshman year and before the beginning of the second term of Sophomore year, his standing for the term or terms during which he was absent is considered to have the same ratio to the maximum as that which he gains while in residence up to the time of the first publication of his aggregate standing, and, having been once published, is not recomputed. The standing of a student entering later in the course is computed in the same manner, with a deduction of five per cent.

Each student, the sum of whose marks for the entire course is to the maximum attainable in the ratio of at least seven and three-fourths to ten, receives an appointment for Commencement ; and the names of students receiving appointments are printed on the

programme in the order of their standing, followed by the names of the rest of the class in alphabetical order.

The first three appointments to speak at Commencement are given according to the aggregate of marks in the entire College course. Not less than two nor more than four other speakers are selected, after competition before a special committee of the Faculty; those members of the class being eligible who, besides receiving appointments for Commencement, have attained a mark of seven and three-fourths on the Theme-Writing of the course and a mark of nine on the Graduating Oration.

No appointment is ordinarily assigned to any student who has entered College at or after the beginning of Senior year.

LIBRARY.

The Library is open Saturdays from 10 A. M. to 12:30 P. M., and on other week-days from 1:45 to 3 P. M.; and the students are allowed free access to the shelves.

It contains about 27,000 volumes, besides 2,000 duplicates and 13,000 unbound pamphlets. The funds for the increase of the Library are the Bishop Burgess, Elton, Sheffield, Peters, Athenæum, and Alumni Library Funds.

The College Reading-Room is supplied with newspapers and periodicals published in this country and in England.

The Watkinson Library, a valuable collection of books for reference, containing about 36,500 volumes, is also accessible to the students.

CABINET.

The College possesses valuable collections in Natural History, Geology, and Mineralogy, which are displayed in a hall specially arranged for that purpose. Other collections of minerals, fossils, and shells will be arranged for study and use as soon as the necessary cases can be obtained and put in place.

Instruction in Geology is aided by a complete suite of Ward's casts of celebrated fossils, including the megatherium, the glyptodon, the plesiosaurus, and other large specimens, and by a series of carefully selected actual fossils, representing characteristic forms

in each geological period from the earliest Silurian to the Tertiary. In addition to this, students are referred to a suite of typical rocks of the State of New York, a series of rocks arranged both lithologically and stratigraphically, and a number of geological and relief maps.

Instruction in Natural History is aided by a valuable collection of mounted skeletons of modern animals, sixty in number, including the elephant, the walrus, the lion, the ourang-outan, man, etc., by Blaschka's glass models of invertebrates, and by a collection of specimens in alcohol.

Students in mineralogy have free access to collections made for practical instruction.

The cabinet is open every week-day from 2:30 to 4 P. M.

OBSERVATORY.

The Observatory, erected on the College Campus in 1883, is furnished with sufficient apparatus for astronomical work. The transit instrument and the telescope, which is a six-inch Fitz refractor, equatorially mounted and fitted with a driving-clock, were presented by Dr. and Miss St. John of Hartford, from the estate of their father, the late Professor St. John of New Canaan, Conn., and in his memory. The sidereal clock is of the best modern manufacture. There are also in the observatory a smaller refractor and a portable transit.

EXPENSES.

The amount of the Treasurer's bills each year is as follows:

Tuition (Christmas Term, \$40; Trinity Term, \$60),	-	-	\$100.00
Room-rent for each person,			
\$100, \$75, \$60, \$50, \$30, or, with scholarship,			25.00
Incidentals, -	-	-	30.00
Heat, -	-	-	12.50
Total, \$242.50, \$217.50, \$202.50, \$192.50, \$172.50, or			\$167.50

Board can be obtained at \$3.50 a week and upward; the charge in the College dining hall is \$4.50 a week, making the cost for thirty-seven weeks \$166.50. To this must be added laundry-

charges, together with the expense of books, furniture, clothing, travel, and society-fees, which varies according to the taste and habits of the student, and of which no estimate can be given.

Students taking practical instruction in the chemical laboratory make deposits of \$15 each with the Treasurer of the College, against which drawbacks are allowed on vouchers from the Professor of Chemistry.

SCHOLARSHIPS.

The amount of the Treasurer's bills can be considerably reduced to holders of scholarships. The income of these scholarships, which are of different values, is placed to the credit of students of limited means, and serves to meet the charges for tuition and room-rent in whole or in part. A list of the scholarships is given at page 64 of this Catalogue.

For holders of those scholarships which remit the entire charges for tuition and room-rent, the Treasurer's bills are reduced to \$42.50; and the necessary expenses of such students, including board and other personal items, will not exceed \$250 or \$300 a year.

Application for any scholarship should be made in writing to the President by the parent or guardian, at or before the beginning of the term in which the student intends to enter.

Students can be provided to some extent with text-books, by means of a free lending library established for that purpose, which is under the charge of the Professor of Greek.

ROOMS.

Most of the rooms in the College buildings are so arranged as to provide that two students rooming together have a common study and separate bedrooms. All the rooms are heated by steam and lighted by gas; and ventilation is secured by open fire-places. Water is carried to every floor in each section.

All students are required to reside in the College buildings unless they have special permission from the President to room elsewhere.

The College bills are due at the beginning of each term, and must be settled at the Treasurer's office, No. 39 Pearl Street,

immediately on the arrival of the student; if not so paid, an additional charge of five per cent. is made for each term's delay. All checks and drafts should be made payable to the order of Charles E. Graves, Treasurer.

By vote of the Trustees, the Treasurer, with the approval of the President, is authorized to exclude from recitations students who neglect to pay their College bills when due.

Students admitted to advanced classes, except those from other Colleges, are required to pay \$12 for each term of their advancement. This charge is sometimes remitted.

No student can receive his degree or an honorable dismissal until the Treasurer certifies that all his College bills are paid, and that, so far as the Treasurer knows, there are no lawful claims against him for board, washing, or other necessary expenses.

The Gymnasium and the field of the Athletic Association provide all the students with opportunities for physical exercise.

A building to contain a gymnasium and a public hall is now in process of erection, and will be ready for occupation in the spring of 1887. By the munificence of Junius S. Morgan, Esq., of London, provision has been made for constructing a large annex to the gymnasium, to be used in inclement weather for the practice of athletic games.

PRIZES.

TUTTLE PRIZE.

THE TUTTLE PRIZE OF THIRTY DOLLARS was founded by the late Miles A. Tuttle, Esq., of Hartford. It will be awarded to that member of the Senior Class who shall write the best essay on "*The Influence of Italian Literature on the Elizabethan Drama.*" The essay must be submitted to the President on or before the 29th of April, 1887. No award will be made except for distinguished merit.

TUTTLE PRIZE ESSAYISTS.

1860. "The Benefits Resulting from a Collegiate Education." AUGUSTUS JACKSON.
1861. "The Nature of Light." ALBIN BARLOW JENNINGS.
1862. "The Writings of Washington Irving." [Not awarded.]
1863. "The Safeguards of College Life." WILLIAM THOMAS CURRIE.
1864. "The College Law of Honor." [Not awarded.]
1865. "The Providential Law of Scientific Discovery and Invention." JOHN HENRY BROOKLESBY.
1866. "Physical Science, a Power in the Moral Advancement of Mankind." HENRY EMERSON HOVEY.
1867. "The Development of the Mechanical Arts in the Roman Republic." [Not awarded.]
1868. "The Systems of Protection and Free Trade—which is best adapted to Promote the Prosperity of the United States?" EDWARD RENWICK BREVOORT.
1869. "The Causes of the French Revolution." JOSEPH BLOUNT CHESHIRE, JR.
1870. "The Antiquity of Man." BRADY ELECTUS BACKUS.
1871. "The Influence of War upon Civilization." CHAUNCEY CAMP WILLIAMS.
1872. "The Nature and Origin of Life." ROBERT CLAYTON HINDLEY.
1873. "The Equitable Adjustment of the Claims of Labor and Capital." RALPH HART BOWLES, JR.
1874. "Number and Quantity, as Functions of Physical Law." THOMAS JAMES DRUMM.
1875. "The Norman Element in English Civilization." EDWARD WILLIAM WORTHINGTON.
1876. "The Prevalence of Periodicity in the Material World." [Not awarded.]
1877. "The Roman Empire as Foreshadowed in Prophecy." JOHN HENRY KING BURGWIN.
1878. "The Philosophy of Waste in Nature." [Not awarded.]
1879. "The Causes and the Results of the Crimean War." [Not awarded.]
1880. "The Doctrine of Evolution, as tested by the Principles of the Inductive Philosophy." [Not awarded.]
1881. "The Development of Civil Liberty in the Anglo-Saxon Race." ALFRED POOLE GRINT.
1882. "The Roman Tribunate." [Not awarded.]
1883. "The Respective Provinces of Thought and Imagination." EDWARD STEVENS BEACH.
1884. "The Future of Astronomy." CHARLES MCLEAN ANDREWS.
1885. "The Relation of the People to the Land." [Not awarded.]
1886. "The Connection of Philosophy with the French Revolution." HERMANN LILIEN-THAL.

CHEMICAL PRIZES.

A PRIZE OF THIRTY DOLLARS will be awarded to that member of the Junior Class who shall write the best thesis on "*Fluorine*"; and a second prize of twenty dollars will be awarded to that member of the class who shall write the second best thesis on the same subject. The theses must be submitted to the Professor of Chemistry on or before the 27th of April, 1887.

CHEMICAL PRIZE ESSAYISTS.

1858. "Water." DAVID MAITLAND ARMSTRONG.
1859. "Carbonic Acid." SAMUEL BROOM WARREN.
1860. "The Atmosphere." CHARLES HENRY WRIGHT STOCKING.
1861. "The Relations of Water to Heat." AUGUSTUS MORSE, JR.
1862. "Phlogiston." ROBERT WALKER LINEN.
1863. "Fire-Damp." JOHN JAMES MCCOOK.
1864. "Chlorine and its Compounds." ROBERT AGNEW BENTON.
1865. "The Relations of Plants to the Atmosphere." SAMUEL STEVENS.
1866. "Hydrogen." CHARLES HENRY BELKNAP TREMAINE.
1867. "Phosphorus." GEORGE GIDEON NICHOLS.
1868. "Oxygen." FRANK KENNEDY.
1869. "The Voltaic Pile." GEORGE OTIS HOLBROOKE.
1870. "Artificial Light." PERCY SHELLEY BRYANT.
1871. "The Metric System." GEORGE WILLIAM DOUGLAS.
1872. "The Electro-Magnetic Telegraph." GEORGE HENRY SEYMS.
1873. "Spectrum Analysis." WILLIAM HOWARD BULKLEY.
1874. "Photography." EDWARD NICOLL DICKERSON, JR.
Second Prize: GEORGE MCILVAINE DUBOIS.
1875. "The Steam Engine." WASHINGTON BRYAN.
Second Prize: GEORGE WILLIAM LINCOLN.
1876. "Iron." EDWARD NEVINS BURKE.
Second Prize: WILLIAM WHARTON GILLETTE.
1877. "Potassium and its Compounds." STEPHEN GERMAIN HEWITT.
Second Prize: EDWARD MANSFIELD SCUDDER.
1878. "Combustion." HORACE BROWN SCOTT.
Second Prize: GEORGE SUMNER CHIPMAN.
1879. "Sulphur." SYDNEY GEORGE FISHER.
Second Prize: ALFRED HARDING.
1880. "The Atomic Constitution of Matter." ROBERT BARCLAY.
Second Prize: WILLIAM RIDGLEY LEAKEN.
1881. "Explosives." GEORGE SUMNER HUNTINGTON.
Second Prize: FRANK EBENEZER MILLER.
1882. "Electrolysis." WILLIAM WALTER WEBB.
Second Prize: CHARLES ERLING HOTCHKISS.
1883. "Bleaching Agents." WILLIAM SEYMOUR SHORT.
Second Prize: ROBERT THEODORE REINEMAN.
1884. "Ozone." HARWOOD HUNTINGTON.
Second Prize: WILLIAM STANLEY BARROWS.
1885. "The Chemical Effects of Light." FREDERICK HUBBARD WOLCOTT.
Second Prize: GEORGE EMERSON BEERS.
1886. "Common Salt." FREDERICK FITZGERALD.
Second Prize: FRANCIS BANKS WHITCOME.

PRIZE VERSION DECLAMATIONS.

A PRIZE will be awarded on the following conditions :

There must be six competitors ; two from the Senior Class, two from the Juniors, and two from the Sophomores. The two members of each class whose rank is highest in the studies of the preceding year in the department of English will be appointed competitors. Passages from Greek and Latin authors, distributed by lot, and then translated into English and submitted to the Professor of Greek or Latin and the Professor of English, will be pronounced in public on the 26th of May, 1887, in the presence of a committee of award on the delivery. The merits of the version as a translation and as an English composition, together with the merits of the delivery as a declamation, will have equal weight in determining the award of the prize.

The prize-man of the year, if he be still a member of the College, will consider himself under obligation to pronounce an original version at the Prize Declamations of the following year, without being a candidate for the prize.

PRIZE-MEN.

1863. Joseph Field Ely.	1876. George Sumner Chipman.
1865. James Brainard Goodrich.	1877. } Charles Carroll Edmunds, Jr.
1866. Frank Louis Norton.	} Edward Mansfield Scudder.
1867. Howard Cooke Vibbert.	1878. John Dows Hills.
1868. George Lewis Cooke, Jr.	1879. Alfred Harding.
1869. George William Douglas.	1880. Harry Campbell Black.
1870. Arthur Dyer.	1881. Charles Waring Jones.
1871. Paul Ziegler.	1882. John Henry McCrackan.
1872. Alexander Mackay-Smith.	1883. Hiram Benjamin Loomis.
1873. Oliver Henry Raftery.	1884. Frank Wood Richardson.
1874. James Davis Smyth.	1885. William Denison McCrackan.
1875. George Milton Hubbard.	1886. Louis LeGrand Benedict.

ORATORICAL PRIZES.

THE STUDENTS, in continuation of prizes given by the Athenæum and Parthenon Literary Societies, offer two Medals as prizes for excellence in writing and pronouncing English Orations. Two members of each of the three upper classes, selected after competition, will deliver their orations in public on the 22d of February, 1887, in the presence of a committee of award. A gold medal will be awarded as the first prize, and a silver medal as the second prize.

PRIZE-MEN.

Gold Medal.

- 1870. Arthur Dyer.
- 1871. Chauncey Camp Williams.
- 1872. Henry Evan Cotton.
- 1874. William Jackson Roberts.
- 1875. Charles Davies Scudder.
- 1876. Beverley Ellison Warner.
- 1877. William Viall Chapin.
- 1878. David Law Fleming.
- 1879. David Buchanan Willson.
- 1880. Thomas Morduit Nelson George.
- 1881. Edwards Stevens Beach.
- 1882. Richard Eugene Burton.
- 1883. [Not awarded.]
- 1884. Charles McLean Andrews.
- 1885. William Denison McCrackan.
- 1886. Louis Le Grand Benedict.

Silver Medal.

- Paul Ziegler.
- Alexander Mackay-Smith.
- James Diggles Hurd.
- Joseph Buffington.
- John Huske.
- James Dowdell Stanley.
- Edward Mansfield Scudder.
- Robert Lefavour Winkley.
- Melville Knox Bailey.
- Harry Campbell Black.
- Alfred Poole Grint.
- Frank Wood Richardson.
- [Not awarded.]
- Edward Sims Van Zile.
- William Agur Beardsley.
- Henry Reading Heydecker.

ENGLISH LITERATURE PRIZE.

A PRIZE OF SIXTY-FIVE DOLLARS, the gift of Dr. Charles D. Scudder and Edward M. Scudder, Esq., of New York City, is offered to the Senior Class for the best examination in English Literature from the earliest times to the present day, with special reference, for the Class of 1887, to "*American Political Writings*." There must be at least five competitors. The examination, which will be held on the 26th of April, 1887, will be in writing, and the questions proposed will not be confined to any text-book. The Professor of English, the Professor of Latin, and a third person, not a member of the Faculty, to be selected by them, will be a committee to hold the examination and award the prize.

The special subjects of examination for the following classes will be:

- For the Class of 1888, *American Poetry*.
- For the Class of 1889, *American Historical Writings*.
- For the Class of 1890, *Dramatic Literature before Shakspeare*.
- For the Class of 1891, *The Poetry of the Seventeenth Century*.

SPECIAL SUBJECTS.

- 1878. *The Writings of the Fourteenth Century ;*
- 1879. *The Era of the Reformation ;*
- 1880. *The Poetry of the Elizabethan Era ;*
- 1881. *The Prose of the reign of Queen Anne ;*
- 1882. *The Poetry of the Nineteenth Century ;*
- 1883. *The Theological Writings of the Seventeenth Century ;*
- 1884. *The Poetry of the Eighteenth Century ;*
- 1885. *The Historical and Philosophical Writings of the Eighteenth Century ;*
- 1886. *The Historical Writings of the Nineteenth Century ;*

PRIZE-MEN.

- George Sumner Chipman.
- [Not awarded.]
- William Logan Crosby.
- William Stanley Emery.
- William Walter Webb.
- [Not awarded.]
- Edward Sims Van Zile.
- [Not awarded.]
- [Not awarded.]

LATIN PRIZE.

A PRIZE OF TWENTY-FIVE DOLLARS will be awarded to that member of the Sophomore Class who shall sustain the best examination in Cruttwell's *History of Roman Literature*. The examination will be held on the 30th of April, 1887.

PRIZE-MEN.

Juniors.

- 1870. Henry Scudder Wood.
- 1871. Paul Ziegler.
- 1873. James Davis Smyth.
- 1874. [Not awarded.]
- 1875. Henry Groves Cameron.
- 1876. Charles Carroll Edmunds, Jr.
- 1877. George Sumner Chipman.
- 1878. Lorin Webster.
- 1879. Bern Budd Gallaudet.

- 1880. Charles Wright Freeland.
- 1881. Charles Anderson Hamilton.
- 1882. [Not awarded.]
- 1883. Henry Ritchie Neely.
- 1884. Robert Thorne.
- 1885. Paul Birdsall.

Sophomores.

- 1885. Francis Banks Whitcome.
- 1886. John William Roy Crawford.

MATHEMATICAL PRIZE.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the Freshman Class who shall sustain the best examination in Chauvenet's *Modern Geometry*. The examination will be held on the 7th of May, 1887.

PRIZE-MEN.

- 1871. James Diggles Hurd.
- 1872. Charles Davies Scudder.
- 1873. Henry Groves Cameron.
- 1874. John Henry King Burgwin.
- 1875. John Williams.
- 1876. Joseph Mosgrove Truby.
- 1877. Thomas Morduit Nelson George.
- 1878. Charles Wright Freeland.

- 1879. William Walter Webb.
- 1880. Clarence Morgan Kurtz.
- 1881. William Stanley Barrows.
- 1882. Hiram Benjamin Loomis.
- 1883. George Emerson Beers.
- 1884. George Washington Rodgers.
- 1885. Henry Marvin Belden.
- 1886. Andrew Ellicott Douglass.

GOODWIN GREEK PRIZES.

TWO PRIZES, one of thirty-five dollars and one of twenty five dollars, founded by Mrs. James Goodwin of Hartford, are offered to the Freshman Class for the best examinations upon Books xix-xxii. of Homer's *Iliad*. The examination will be held in April, and no prize will be awarded unless the work offered is excellent.

PRIZE-MEN.

First Prize.

- 1885. Henry Barnard Brownell.
- 1886. [Not awarded.]

Second Prize.

- John William Roy Crawford.

PRIZES IN HISTORY AND POLITICAL SCIENCE.

A PRIZE OF TWENTY-FIVE DOLLARS will be awarded to that member of the Senior Class who shall present the best essay upon "*William the Silent*." Essays must be handed to the Professor on or before the 28th of April, 1887.

A PRIZE OF TWENTY-FIVE DOLLARS will be awarded to that member of the Senior Class who shall present the best essay upon "*The History of Industrial Coöperation*." Essays must be handed to the Professor on or before the 28th of April, 1887.

PRIZE-MEN.

History.

1886. James Goodwin.

Political Science.

Hermann Lillenthal.

ENGLISH COMPOSITION PRIZES.

Two PRIZES, one of fifteen dollars and one of ten dollars, will be awarded to the members of the Sophomore Class who shall present the best essays. The subjects will be published early in Trinity Term, and the essays must be handed to the Professor on or before the 13th of April, 1887.

HONOR-MEN FOR THE YEAR 1885-86.

HONORS IN THE CLASS OF 1886.

<i>Valedictory</i> ,	HERMANN LILIENTHAL, <i>Optimus</i> .
<i>Salutatory</i> ,	WILLIAM JAMES TATE.
<i>Third Appointment</i> ,	GEORGE EMERSON BEERS.

OTHER SPEAKERS AT COMMENCEMENT.

Clarence Griffin Child,	James Goodwin,
Henry Reading Heydecker.	

TUTTLE PRIZE ESSAY,	Hermann Lillienthal.
CHEMICAL PRIZE ESSAY,	Frederick FitzGerald.
<i>Second Prize</i> ,	Francis Banks Whitcome.
PRIZE VERSION DECLAMATION,	Louis Le Grand Benedict.
ORATORICAL PRIZES:	
<i>Gold Medal</i> ,	Louis Le Grand Benedict.
<i>Silver Medal</i> ,	Henry Reading Heydecker.
ENGLISH LITERATURE PRIZE,	[Not awarded.]
LATIN PRIZE,	John William Roy Crawford.
MATHEMATICAL PRIZE,	Andrew Ellicott Douglass.
GOODWIN GREEK PRIZES,	[Not awarded.]
HISTORICAL PRIZE,	James Goodwin.
POLITICAL SCIENCE PRIZE,	Hermann Lillienthal.
GERMAN PRIZE,	Edward Cullen Niles.
FRENCH PRIZE,	Lewis Henry Paddock.

HONOR-GRADE.

The students whose names follow attained the honor-grade in the several departments (see page 47) during the year 1885-86.

SENIORS.

In English:	C. G. Child, J. Goodwin, H. R. Heydecker, H. Lilienthal.
In † Ethics:	G. E. Beers, C. G. Child, J. Goodwin, H. R. Heydecker, H. Lilienthal, F. H. Wolcott.
In * Geology:	C. G. Child, J. Goodwin, H. R. Heydecker, H. Lilienthal, F. H. Wolcott.
In * History:	J. Goodwin, H. Lilienthal.
In Logic and Metaphysics:	J. Goodwin, H. Lilienthal.
In † Political Science:	H. R. Heydecker, H. Lilienthal.
In <i>English</i> :	C. G. Child.
In <i>Ethics</i> :	H. R. Heydecker.
In † <i>French</i> :	G. E. Beers, P. Birdsall, H. R. Heydecker, F. H. Wolcott, W. J. Tate.
In * <i>German</i> :	G. E. Beers, P. Birdsall, J. Goodwin, W. J. Tate.
In † <i>History</i> :	J. Goodwin.
In <i>Physics</i> :	G. E. Beers, H. Lilienthal.

JUNIORS.

In † Astronomy:	O. A. Sands.
In * Chemistry:	E. C. Niles, O. A. Sands.
In English:	O. Applegate, Jr., W. A. Beardsley, C. E. Deuel, O. A. Sands.
In German:	W. A. Beardsley, C. W. Bowman, M. K. Coster, E. C. Niles, O. A. Sands, C. H. Tibbits, 2d, F. B. Whitcome.
In Physics:	O. A. Sands.
In † Political Science:	E. C. Niles, O. A. Sands.
In <i>English</i> :	G. S. Waters.
In † <i>English</i> :	O. Applegate, Jr., F. E. Haight, J. W. Shannon.
In † <i>Ethics</i> :	O. Applegate, Jr.
In † <i>French</i> :	W. A. Beardsley, G. C. Carter, E. C. Niles, F. B. Whitcome.
In <i>Greek</i> :	G. C. Carter, M. K. Coster, † A. C. Hamlin, * E. C. Niles, W. B. Olmsted, O. A. Sands, * C. H. Tibbits, 2d.
In <i>Latin</i> :	E. C. Niles, O. A. Sands, * F. B. Whitcome.
In * <i>Mathematics</i> :	W. A. Beardsley, G. W. Rodgers.

SOPHOMORES.

In English :	H. M. Belden, L. Le G. Benedict, J. W. R. Crawford, L. H. Paddock, C. E. Purdy.
In † Ethics :	L. W. Downes, E. C. Purdy.
In French :	J. W. R. Crawford, R. C. Eastman, W. S. Hubbard, W. N. Jones, W. F. Morgan, Jr., L. H. Paddock, A. R. Stuart, Jr., W. C. Stuart.
In German :	C. E. Purdy.
In Greek :	G. I. Brown, J. W. R. Crawford, W. S. Hubbard, W. F. Morgan, Jr., L. H. Paddock, M. C. Warner.
In History :	C. E. Purdy.
In Latin :	H. M. Belden, L. Le G. Benedict, J. W. R. Crawford, W. S. Hubbard, W. F. Morgan, Jr., L. H. Paddock, M. C. Warner.
In * Mathematics :	H. M. Belden, J. W. R. Crawford, W. S. Hubbard, W. F. Morgan, Jr., L. H. Paddock, C. E. Purdy, W. C. Stuart.
In † Physics :	J. W. R. Crawford, L. H. Paddock.

FRESHMEN.

In † English :	A. E. Douglass, F. F. Kramer, A. Millard, Jr., W. Scudder, E. T. Sullivan, A. M. Vanderpoel, F. G. Williams, B. Wright.
In French :	R. H. Schütz, A. M. Vanderpoel.
In Greek :	P. H. Frye, A. Millard, Jr., W. Scudder, L. F. Sennett, B. Wright.
In Latin :	P. H. Frye, A. Millard, Jr., J. R. Nash, W. Scudder, L. F. Sennett, E. T. Sullivan, F. G. Williams, B. Wright.
In Mathematics :	A. E. Douglass, P. H. Frye, W. Scudder, B. Wright.

Prescribed Studies in Roman; Elective Studies in *Italic*.

* Christmas term only.

† Trinity Term only.

Addendum to list of Honor-Grades for the year 1884-85, as printed in the last catalogue.

Of the Sophomores, O. A. Sands attained Honor-Grade in English and in French ; of the Freshmen, J. W. R. Crawford attained Honor-Grade in Greek and in Mathematics.

DEGREES CONFERRED IN 1886.

The following degrees, having been voted by the Corporation at their annual meeting, held on the 23d day of June, 1886, were duly conferred at the public Commencement on the following day.

BACHELOR OF ARTS, IN COURSE.

- ✓ Hermann Lilienthal, OPTIMUS,
With honors in Mathematics, Physics, and Chemistry.
- ✓ George Emerson Beers,
With honors in Physics.
- ✓ Clarence Griffin Child,
With honors in English.
- ✓ William James Tate,
With honors in Modern Languages.
- ✓ Paul Birdsall.
- ✓ James Goodwin.
- ✓ Edward Buckingham Hatch.
- ✓ Henry Reading Heydecker.
- ✓ Frederick Hubbard Wolcott.
- ✓ Walter Calvin Hagar, of the Class of 1879.

MASTER OF ARTS, IN COURSE.

Of the Class of 1871:

Charles Sherman Everest.

Of the Class of 1878:

Benjamin Franklin Haywood Shreve.

Of the Class of 1881:

The Rev. Louis Cope Washburn.

Of the Class of 1882:

The Rev. Seaver Milton Holden.
Charles Erling Hotchkiss.

Of the Class of 1883:

The Rev. J Eldred Brown. •
John Ridgely Carter.
Frank Roosevelt.
The Rev. John Frederick Sexton.
The Rev. William Seymour Short.
Hobart Warren Thompson.

MASTER OF ARTS, HONORIS CAUSA.

- ✓ The Rev. JOHN SAMUEL BEERS, Natick, Mass.
- ✓ The Rev. ALEXANDER CHAMPLINE McCABE, Laurel, Md.
- ✓ The Rev. BEVERLEY ELLISON WARNER, Bridgeport, Conn.

DOCTOR OF LAWS, HONORIS CAUSA.

The Hon. JOHN TURNER WAIT, M.A., Representative in Congress,
Norwich, Conn.
The Hon. JAMES BEACH WAKEFIELD, of the Class of 1846, M.A.,
Representative in Congress, Blue Earth City, Minn.

DOCTOR IN DIVINITY, HONORIS CAUSA.

- The Rt. Rev. WILLIAM CROSWELL DOANE, Burlington College, M.A.
1863, Bishop of Albany.
- ✓ The Rev. WILLIAM STEPHEN RAINSFORD, Rector of St. George's
Church, New York City.

SCHOLARSHIPS.

TOUCEY SCHOLARSHIPS.

These were founded in 1868 by the Hon. Isaac Toucey, LL.D. They are assigned, after a competitive examination, to students who are studying with a view to the Holy Ministry. The founder, by making the College the trustee of another fund, has enabled it to appoint the holders of these Scholarships to Scholarships in the Berkeley Divinity School.

SCHOLARSHIPS OF TRINITY CHURCH, NEW YORK.

These are five in number, and were founded in 1843, in consideration of the sum of \$5,000, granted by the vestry of Trinity Church, New York, toward the endowment of the Hobart Professorship. The students by whom they are held are exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects." The right of nomination is in the Rector, Wardens, and Vestry of Trinity Church, or their assigns, or any person by them authorized.

WILLIAM ALLEN MATHER SCHOLARSHIP.

This was founded in 1864, and endowed by Mrs. Jane C. Mather of Hartford. The student by whom it is held is exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects."

SCHOLARSHIP OF ST. PAUL'S CHURCH, TROY, N. Y.

This was founded in 1830 by members of the Parish whose name it bears. It is "for the benefit of pious and indigent young men studying with a view to the Ministry in the Protestant Episcopal Church." The right of nomination is in the Rector, Wardens, and Vestry of St. Paul's Church, Troy.

HEARTT SCHOLARSHIP.

This was founded in 1830 and endowed by Philip Heartt, Esq., of Troy. It has the same object with the preceding Scholarship. The right of nomination was vested in Mr. Heartt during his lifetime; and afterward in the Bishop of the Protestant Episcopal Church in the Diocese of Connecticut; and during any vacancy in the Episcopate, it devolves on the presiding officer of the College.

THOMAS BACKUS SCHOLARSHIP.

This was founded in 1837 by the Rev. Stephen Jewett, M.A., to be held "by some beneficiary designing to enter the Ministry of the Protestant Episcopal Church." This scholarship yields no available income at present.

SCHOLARSHIP OF CHRIST CHURCH, HARTFORD.

This was founded in 1839 by J. Smyth Rogers, M.D., Professor of Chemistry. In 1845, in consideration of the subscription from the Parish for the erection of Brownell Hall, the endowment was increased. The right of nomination is vested in the Rector of Christ Church.

GREGOR SCHOLARSHIPS.

Through a bequest of \$15,000, made by Mrs. Sarah Gregor, the college is enabled to remit the fees for tuition to a certain number of necessitous students.

KIRBY SCHOLARSHIP.

This was founded in 1872, and endowed by a legacy of Miss Harriet Kirby, of Hartford. It yields \$300 *per annum*, which is to be appropriated to undergraduates studying with a view to Holy Orders. The right of nomination is vested in the Rector of St. John's Church, Hartford; or, in case he fails to nominate, in the Corporation of the College.

BURHANS SCHOLARSHIP.

This Scholarship was founded by a bequest of the Rev. Daniel Burhans, D.D. The scholarship is to be held by "such candidate for Orders as shall be nominated from time to time by the Rector and Wardens of Christ Church, Hartford."

DANIEL GOODWIN SCHOLARSHIPS.

These scholarships, founded in 1881 from a bequest of the late Daniel Goodwin, of Hartford, are four in number, each yielding to the holder the sum of \$30 a year in payment of college bills. The scholars, one in each class, are nominated from the public schools of Hartford in such manner as the Board of Education or School Visitors of the town appoint.

PHILADELPHIA ALUMNI SCHOLARSHIP.

A scholarship is partly endowed by the Philadelphia Alumni Association, the income of which will become available when the endowment is completed.

OTHER SCHOLARSHIPS.

The following Scholarships for the remission of fees for tuition, were founded "for the benefit of young men in indigent circumstances, communicants of the Protestant Episcopal Church."

SCOVILL SCHOLARSHIP, founded by William H. Scovill, Esq., of Waterbury.

SCOVILL SCHOLARSHIP, founded by J. M. L. Scovill, Esq., of Waterbury.

ELTON SCHOLARSHIP, founded by John P. Elton, Esq., of Waterbury.
 ST. JOHN'S, WATERBURY, SCHOLARSHIP, founded by Parishioners of St. John's Church, Waterbury.

TRINITY CHURCH, NEW HAVEN, SCHOLARSHIP, founded by Parishioners of Trinity Church, New Haven.

ST. PAUL'S, NEW HAVEN, SCHOLARSHIP, founded by Parishioners of St. Paul's Church, New Haven.

LAKE SCHOLARSHIP, founded by Benjamin T. Lake, Esq., of Bethlehem.

HALLAM SCHOLARSHIP, founded by the Rev. Robert A. Hallam, D.D., of New London

ST. JAMES'S, NEW LONDON, SCHOLARSHIP, founded by Parishioners of St. James's Church, New London.

SHELTON AND SANFORD SCHOLARSHIP, founded by the Shelton and Sanford families, of Derby.

MORGAN SCHOLARSHIP, founded by the Rev. John Morgan, of Stratford.

FOWLER SCHOLARSHIP, founded by the Fowler family, of Northfield.

CORNELL SCHOLARSHIP, founded by Samuel G. Cornell, Esq., of Greenwich.

ST. PAUL'S, NORWALK, SCHOLARSHIP, founded by Parishioners of St. Paul's Church, Norwalk.

TRINITY CHURCH, PORTLAND, SCHOLARSHIP, founded by Parishioners of Trinity Church, Portland.

SHERMAN SCHOLARSHIP, founded by the Sherman family, of Brookfield.

BURR SCHOLARSHIP, founded by Mrs. Sarah Burr, of Hartford.

ST. JOHN'S CHURCH, HARTFORD, SCHOLARSHIP, founded by Parishioners of St. John's Church, Hartford.

FIVE OTHER SCHOLARSHIPS were endowed in the same manner, by sundry subscriptions, the nomination to which is vested in the Corporation.

SCHOLARSHIPS OF THE CHURCH SCHOLARSHIP SOCIETY.

The Church Scholarship Society of the Diocese of Connecticut aids a few students with loans, not exceeding \$100 *per annum*, which are granted only to persons in necessitous circumstances, preparing for Holy Orders, and sustaining a correct deportment as communicants. Applicants must be furnished with a testimonial of such qualifications, signed by a clergyman to whom they are personally known. The President of the College is President of the Executive Board of the Church Scholarship Society.

SCHOLARSHIPS OF THE SOCIETY FOR THE INCREASE OF THE MINISTRY.

This Society holds the Mark Warner fund, amounting to about \$10,000, the income of which, under the conditions of the gift, is to be applied to young men, scholars of the Society, studying at Trinity College or the Berkeley Divinity School, and also the Heminway fund, of \$5,000, for the benefit of its scholars in Trinity College. The Society is able to grant other scholarships, ranging in value from \$100 to \$300 *per annum*.

APPENDIX.

SUBSCRIPTIONS TO THE FUND FOR BUILDING THE GYMNASIUM.

Mr. Chas. A. Appleton,	\$ 50	Mr. Junius S. Morgan,	\$8,000
Mrs. Emily W. Appleton,	200	Mr. Ambrose S. Murray, Jr.,	150
Mr. Robert F. Bixby,	250	The Rev. Wm. F. Nichols,	10
Mr. W. C. Brocklesby,	100	The Rev. H. H. Oberly,	10
The Hon. Morgan G. Bulkeley,	100	The Rt. Rev. Benj. H. Pad-	
Mr. Alfred B. Bull,	100	dock, D.D.,	100
Messrs. Wm. P. Clyde & Co.,	250	The Hon. D. W. Pardee, LL.D.,	250
Mrs. Elizabeth H. Colt,	250	Mr. Hinsdill Parsons,	10
Mr. William E. Curtis,	150	Mr. J. Russell Parsons, Jr.,	10
Mr. W. G. Davies,	150	Mr. George B. Pattison,	10
The Rev. J. S. Davenport,	50	The Rt. Rev. H. C. Potter, D.D.,	50
Mr. E. N. Dickerson,	100	Mr. Frank Roosevelt,	250
Mr. George Ellis,	50	Mr. Edward M. Scudder,	150
Mrs. J. P. Elton,	1,000	Mr. Wm. C. Skinner,	100
The Rev. Prof. Ferguson,	50	The Rev. Cornelius B. Smith,	
Mr. T. R. Fisher,	100	D.D.,	75
Mr. Frederick Goodridge,	100	Mr. James A. Smith,	100
The Rev. Francis Goodwin,	100	Mr. John S. Smith,	50
Mr. James J. Goodwin,	500	Mr. John B. Stebbins,	50
Mrs. Lucy M. Goodwin,	1,000	Mr. H. W. Thompson,	10
Mr. L. J. Hendee,	50	The Rev. John Townsend,	20
E. K. Hunt, M.D.,	100	Mr. E. S. Van Zile,	10
The Rev. J. T. Huntington,	100	W. A. M. Wainwright, M.D.,	50
Geo. C. Jarvis, M.D.,	100	Mr. Joseph M. Warren,	500
Mr. Grenville Kane,	20	Mr. Stephen E. Warren,	500
Mr. Luke A. Lockwood,	250	Mr. E. Winslow Williams,	100
The Rev. Alex. Mackay-Smith,	150		

FOR ENDOWMENT OF GYMNASIUM AND ALUMNI HALL.

Mr. Robert H. Coleman,	\$10,000
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FOR THE ANNEX.

Mr. Junius S. Morgan,	\$10,000
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FOR COMPLETION OF GYMNASIUM AND ANNEX.

Mr. Junius S. Morgan,	\$5,000
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FOR ENDOWMENT OF ANNEX.

The Rev. Prof. McCook,	\$150
Miss Mary L. Sheldon,	50
Total amount,	\$41,185

EXAMINATIONS FOR ADMISSION.

1886.

GREEK.

I. GRAMMAR.

Decline *ἄμαξα* in the singular, *εἶδος* in the plural, *ὅστις* in all numbers of the feminine.

Inflect (through the persons and numbers) the pres. ind. act. and aor. imperat. pass. of *ἀρόω*, aor. ind. mid. of *παίω*, pres. subj. mid. and 2 aor. imperat. act. of *τίθημι*.

Give the synopsis of the 2 aor. act. and perf. mid. of *λείπω*.

II. XENOPHON.

Translate:

Μετὰ δὲ τὴν ἐξέτασιν ἅμα τῇ ἐπιούσῃ ἡμέρᾳ ἦκοντες αὐτόμολοι παρὰ μεγάλου βασιλέως ἀπήγγελλον Κύρῳ περὶ τῆς βασιλέως στρατιάς. Κύρος δὲ συγκαλέσας τοὺς στρατηγούς καὶ λοχαγούς τῶν Ἑλλήνων συνεβουλεύετό τε πῶς ἂν τὴν μάχην ποιοίτο, καὶ αὐτὸς παρήνει θαρρύνων τοιάδε. ὦ ἄνδρες Ἕλληνες, οὐκ ἀνθρώπων ἀπορῶν βαρβάρων συμμάχους ὑμᾶς ἄγω, ἀλλὰ νομίζων ἀμείνονας καὶ κρείττους πολλῶν βαρβάρων ὑμᾶς εἶναι, διὰ τοῦτο προσέλαβον. Ὅπως οὖν ἔσεσθε ἄνδρες ἄξιοι τῆς ἑλευθερίας ἧς κέκτησθε καὶ ὑπὲρ ἧς ὑμᾶς ἐγὼ εὐδαιμονίζω. Εὖ γὰρ ἴστε ὅτι τὴν ἑλευθερίαν ἐλοιμῆν ἂν ἀντὶ ὧν ἔχω πάντων καὶ ἄλλων πολλαπλασίων. Ὅπως δὲ καὶ εἰδῆτε εἰς οἷον ἔρχεσθε ἀγῶνα, ἐγὼ ὑμᾶς εἰδὼς διδάξω.

Give the reason for the mode in *ποιοίτο*, *εἰδῆτε*; the construction of the first *ἧς*; the etymology of *αὐτόμολοι*. Give the parts of *ἀπήγγελλον*, *προσέλαβον*, *ἔρχεσθε*.

Translate:

Ἐπεὶ δ' ἐπὶ τὰς σκηνὰς ἀπῆλθον, οἱ μὲν ἄλλοι περὶ τὰ ἐπιτήδεια ἦσαν, στρατηγοὶ δὲ καὶ λοχαγοὶ συνῆλθον. Καὶ ἐνταῦθα πολλὴ ἀπορία ἦν. Ἐνθεν μὲν γὰρ ὄρη ἦν ὑπερῶψηλα, ἐνθεν δὲ ὁ ποταμὸς τοσοῦτος τὸ βάθος ὥς μηδὲ τὰ δόρατα ὑπερέχειν πειρωμένοις τοῦ βάθους. Ἀπορομένοις δὲ αὐτοῖς προσελθὼν τις ἀνὴρ Ῥόδιος εἶπεν· Ἐγὼ θέλω, ὦ ἄνδρες, διαβιβάσαι ὑμᾶς κατὰ τετρακισχιλίους ὀπίστας, ἂν ἐμοὶ ὧν δέομαι ὑπηρετήσητε καὶ ἵππων μισθὸν πορίσητε. Ἐρωτώμενος δὲ ὅτου δέοιτο, Ἀσκῶν, ἔφη, δισχιλίῳ δέησομαι· πολλὰ δὲ ὥρ' ταῦτα πρόβατα καὶ αἰγας καὶ βούς καὶ ὄνου, ἃ ἀποδαρέντα καὶ φυσηθέντα ῥαδίως ἂν παρέχοι τὴν διάβασιν. Δέησομαι δὲ καὶ τῶν δεσμῶν οἷς χρῆσθε περὶ τὰ ὑποζύγια.

Give the rules for the accent of *ἀπῆλθον*, οἱ μὲν, the construction of *βάθος*, *ὅτου*. Where are the following forms made and from what presents: *πειρωμένοις*, *ὑπηρετήσητε* *πορίσητε*? What was the result of the Rhodian's proposition? Describe the career of Ariæus in this expedition.

III. HOMER.

Oral Examination.

IV. COMPOSITION.

Translate into Greek:

A certain one of those who were present said: "It is evident that if they attack us, they must either conquer or be conquered. If now they conquer, why need they break up this bridge? For even if there be many bridges, we should not be able to escape. But if we conquer, no one of those who are on the other side will be able to succor them, when the bridge is destroyed."

V. HISTORY.

Give the dates of the battle of Mycale, the birth of Sophocles, the beginning of the Peloponnesian war. Give an account of the conspiracy of Cylon, its causes, and its consequences to the family of the Alcmaeonidæ. What was the Confederacy of Delos and its purpose? Mention the several changes in government at Athens during and just after the Peloponnesian war. Describe the state of parties in the time of Demosthenes.

LATIN.

I. CAESAR.

Translate:

Erant eiusmodi fere situs oppidorum, ut, posita in extremis promunturisque, neque pedibus aditum haberent, cum ex alto se aestus incitavisset (quod accidit semper horarum XII spatio), neque navibus, quod rursus minuente aestu naves in vadis adfluctarentur. Ita utraque re oppidorum oppugnatio impediabatur; ac si quando suis fortunis desperare coeperant, magno numero navium adpulso, cuius rei summam facultatem habebant, sua deportabant omnia seque in proxima oppida recipiebant.

Explain the cases of *situs*, *pedibus*, *utraque*, *fortunis*, declining each word throughout. Give the comparison of *extremus*, *summus*, *proximus*. Give the principal parts of each verb in the first four lines, marking the quantity of the penults. Write the synopsis of *coeperant*.

What country is described in this extract? Give an outline of the history of its conquest.

II. VIRGIL.

Oral Examination.

III. CICERO.

Translate:

Omnes adsunt omnium ordinum homines, omnium denique aetatum; plenum est forum, plena templa circum forum, pleni omnes aditus

huius templi ac loci. Causa est enim post urbem conditam haec inventa sola, in qua omnes sentirent unum atque idem, praeter eos qui, cum sibi viderent esse pereundum, cum omnibus potius quam soli perire voluerunt.

Give the syntax of each verb in this passage, explaining the use of the mood in each case. Explain the use of the participles *conditam*, *pereundum*. What was the result of the orations against Catiline? Who was Archias?

What is the use of the present subjunctive in conditional sentences? of the imperfect subjunctive?

IV. EXTEMPORE TRANSLATION.

Translate:

Vos, quaeso, memoria teneatis non mihi hoc esse propositum, ut accusem Oppianicum mortuum, sed quum hoc persuadere vobis velim, iudicium ab hoc non esse corruptum, hoc uti initio ac fundamento defensionis, Oppianicum hominem sceleratissimum et nocentissimum esse damnatum; qui uxori suae Cluentiae quum ipse poculum dedisset, subito illa in media potione exclamavit se maximo cum dolore emori; nec diutius vixit quam locuta est.

Write the English words which are derived from words in the first four lines.

Translate:

Monte fere medio est, cingentibus ultima silvis,
purus ab arboribus, spectabilis undique campus.
Hic oculis illum cernentem sacra profanis
prima videt, prima est insano concita motu,
prima suum misso violavit Penthea thyrsos
mater: "Io, geminae," clamavit, "adeste sorores;
ille aper, in nostris errat qui maximus agris,
ille mihi feriendus aper." Ruit omnis in unum
turba furens; cunctae coeunt, cunctaeque sequuntur.

V. LATIN COMPOSITION.

Translate:

When Caesar was informed of this, he sent forward scouts and centurions to choose a place for the camp. As a few of the Gauls, following Caesar, were marching along with him, some of them, as was afterwards learned from a captive, seeing that it was the custom of our army to advance by day, went by night to the Nervii, and told them that Caesar had much baggage which they might easily take because the Romans would not dare to stand against them. "We advise you," said they, "when the first legion comes into the camp and the others are a long way off, to attack it and put it to flight."

VI. HISTORY AND GEOGRAPHY.

1. Who was Numa? P. Decius? Regulus? Marcellus? Vespa-
- sian? 2. Give a brief account of the battle of Cannae; of that of Zama.
3. Where and how did Hasdrubal die? Jugurtha? Cato of Utica? Tiberius?
4. What put an end to the second triumvirate? What was the purpose of the agrarian laws?

1. What divisions of Italy lie on the west coast? Mention some important cities of Magna Graecia.
2. Where was the river Iberus? Rhenus? Rubicon? Anio? Orontes?
3. Describe the position of Arcadia, Corinth, Carrhae, Samos, Vei.
4. Where was the province of Africa? Epirus? Mount Olympus? Mount Aetna?

MATHEMATICS.

ARITHMETIC.

1. Find the square root of 12.5 to the nearest ten thousandth.
2. Reduce $\frac{2}{3}$ of $7\frac{6}{15}$ to a decimal fraction.
3. Seven feet is what per cent. of 1 rod, 3 yards, 2 feet, 5 inches?
4. A cubical tank contains 1,728^{kg} of pure water. Find the length of an inner edge.
5. The interest on \$325.72 for two years and four months is \$34.1996. What is the rate per cent.?

ALGEBRA.

Simplify:

1. $\frac{x}{x-3} - \frac{x-3}{x} + \frac{x}{x+3} - \frac{x-3}{x}$.
2. $1 - \frac{1}{1 + \frac{1}{x}}$.
3. $\left\{ x^{-\frac{3}{2}} y (xy^{-2})^{-\frac{1}{2}} (x^{-1} y)^{-\frac{3}{2}} \right\}^3$.

Resolve into prime factors:

4. $x^4 + 3x^2 + 4$.
5. $3y^2 - 21y + 30$.
6. $a^6 - 64$.

Solve:

7. $x^2 + ax - x = a$.
8. $\begin{cases} \frac{2}{x} - \frac{1}{y} = 4. \\ \frac{4}{x} + \frac{7}{y} = 26. \end{cases}$
9. $\begin{cases} 3x^2 - 2xy = 15. \\ 2x + 3y = 12. \end{cases}$

$$10. \frac{15}{x + \frac{1}{4}} - \frac{15}{x} = -\frac{1}{4}.$$

$$11. \sqrt{x+4} - \sqrt{x} = \sqrt{x + \frac{3}{5}}.$$

12. There are three numbers in geometrical progression. If a certain number be subtracted from these numbers the remainders are 4, 38, and 140. Find the three numbers and the number to be subtracted.

GEOMETRY.

Demonstrate the following propositions:

1. The sum of the exterior angles of a polygon is equal to four right angles.
2. The diagonals of a parallelogram bisect each other.
3. Through any three points, not in the same straight line, one circumference may be made to pass, and but one.
4. The angle formed by two secants, intersecting without the circumference of a circle, is measured by half the difference of the included arcs.
5. The area of a trapezoid is equal to the product of its altitude and half the sum of its parallel sides.

Two chords of a circle intersect. The segments of one are 4 feet and 6 feet, and one segment of the other is 2 feet. What is the length of the remaining segment?

ENGLISH.

- I. Correct, criticize, and recast the following sentences:
 1. Let he who made thee answer that.
 2. But he made another enemy of the Pope, which he did in this way.
 3. A healthful child wandering among luxurious vegetation is liable to entail a search on its friends.
 4. Since I last saw you, events have transpired which changed the aspect of affairs.
 5. I was again tossed into one of those narrow boxes which I have since learned is called a till.
- II. Write an essay containing about five hundred words on one of the following subjects, giving attention to spelling, punctuation, use of capitals, division by paragraphs, and expression:
 1. The Plot of Shakspeare's *Julius Caesar*.
 2. The Argument of the first two Books of *Paradise Lost*.
 3. The Plot of Scott's *Abbot*.
 4. The Plot of Dickens's *Tale of Two Cities*.
- III. Give the reasons for the use of the points in the first sentence of division II. of this paper.
- IV. Give in full the rules for the formation of the possessive case and the plural number of English substantives.